

L Number	Hits	Search Text	DB	Time stamp
1	0	dimethylamidopropyltrimethyl adj ammonium	USPAT; US-PPGPUB; EPO; DERWENT	2004/11/10 09:29
2	6	amidopropyltrimethyl adj ammonium	USPAT; US-PPGPUB; EPO; DERWENT	2004/11/10 09:39
3	0	amidopropyltrimethyl adj ammonium	USOCR	2004/11/10 09:40
4	0	erucyl-dmapa	USPAT; US-PPGPUB; EPO; DERWENT	2004/11/10 09:42
5	0	erucyl adj dmapa	USPAT; US-PPGPUB; EPO; DERWENT	2004/11/10 09:42
6	0	erucyl adj dmapa	USOCR	2004/11/10 09:42
7	0	erucyl-dmapa	USOCR	2004/11/10 09:42

<u>NEWS 1</u>	Web Page URLs for STN Seminar Schedule - N. America	
<u>NEWS 2</u>	"Ask CAS" for self-help around the clock	
<u>NEWS 3</u>	JUL 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
<u>NEWS 4</u>	AUG 02	IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
<u>NEWS 5</u>	AUG 02	CAPLUS and CA patent records enhanced with European and Japan Patent Office Classifications
<u>NEWS 6</u>	AUG 02	The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
<u>NEWS 7</u>	AUG 27	BIOCOMMERCE: Changes and enhancements to content coverage
<u>NEWS 8</u>	AUG 27	BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
<u>NEWS 9</u>	SEP 01	INPADOC: New family current-awareness alert (SDI) available
<u>NEWS 10</u>	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
<u>NEWS 11</u>	SEP 01	New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
<u>NEWS 12</u>	SEP 27	STANDARDS will no longer be available on STN
<u>NEWS 13</u>	SEP 27	SWETSCAN will no longer be available on STN
<u>NEWS 14</u>	OCT 28	KOREAPAT now available on STN
<u>NEWS EXPRESS</u>	OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004	
<u>NEWS HOURS</u>	STN Operating Hours Plus Help Desk Availability	
<u>NEWS INTER</u>	General Internet Information	
<u>NEWS LOGIN</u>	Welcome Banner and News Items	
<u>NEWS PHONE</u>	Direct Dial and Telecommunication Network Access to STN	
<u>NEWS WWW</u>	CAS World Wide Web Site (general information)	

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 10:38:06 ON 12 NOV 2001

FILE 'CA' ENTERED AT 10:38:21 ON 10 NOV 2004
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FILE COVERS 1907 - 4 Nov 2004 VOL 141 ISS 20
 FILE LAST UPDATED: 4 Nov 2004 (20041104/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> **s 690625-43-5**
REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
 Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L2 0 L1

=> **file reg**
 COST IN U.S. DOLLARS SINCE FILE TOTAL
 FULL ESTIMATED COST ENTRY SESSION
 2.15 3.20

FILE 'REGISTRY' ENTERED AT 10:38:54 ON 10 NOV 2004
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STRUCTURE FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9
 DICTIONARY FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> **s 690625-43-5**
 L3 1 690625-43-5
 (690625-43-5/RN)

=> **s 742651-49-6**
 L4 1 742651-49-6
 (742651-49-6/RN)

=> **s 742673-48-9**
 L5 1 742673-48-9
 (742673-48-9/RN)

=> **file ca**
 COST IN U.S. DOLLARS SINCE FILE TOTAL
 FULL ESTIMATED COST ENTRY SESSION
 0.84 4.04

FILE 'CA' ENTERED AT 10:40:17 ON 10 NOV 2004
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FILE COVERS 1907 - 4 Nov 2004 VOL 141 ISS 20
FILE LAST UPDATED: 4 Nov 2004 (20041104/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13
L6 0 L3

=> s 14
L7 0 L4

=> file reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST

	SINCE FILE ENTRY	TOTAL SESSION
	0.84	4.88

FILE 'REGISTRY' ENTERED AT 10:41:43 ON 10 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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STRUCTURE FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9
DICTIONARY FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

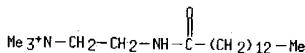
Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s 13
L8 1 690625-43-5
(690625-43-5/RN)

=> d 18

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 690625-43-5 REGISTRY
 CN Ethanaminium, N,N,N-trimethyl-2-[(1-oxotetradecyl)amino]- (9CI) (CA INDEX
 NAME)
 FS 3D CONCORD
 MF C19 H41 N2 O
 CI COM
 SR CA



=> file caplus
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
2.61	7.49

FILE 'CAPLUS' ENTERED AT 10:42:48 ON 10 NOV 2004
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FILE COVERS 1907 - 10 Nov 2004 VOL 141 ISS 20
 FILE LAST UPDATED: 9 Nov 2004 (20041109/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13
 L9 0 L3

=> s 690625-43-5
REGISTRY INITIATED
 Substance data SEARCH and crossover from CAS REGISTRY in progress...
 Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L11 0 L10

=> s 690625-43-5/RN
 0 690625-43-5
 0 690625-43-5D
 L12 0 690625-43-5/RN
 (690625-43-5 (NOTL) 690625-43-5D)

=> file reg
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
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FULL ESTIMATED COST

ENTRY 6.34 SESSION 14.69

FILE 'REGISTRY' ENTERED AT 10:44:24 ON 10 NOV 2004
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STRUCTURE FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9
DICTIONARY FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

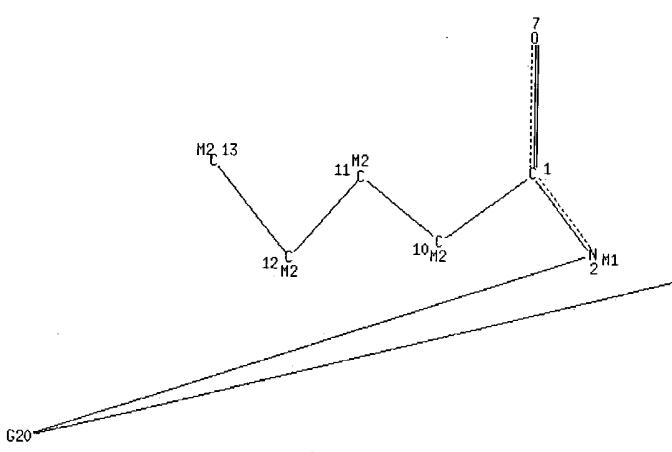
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

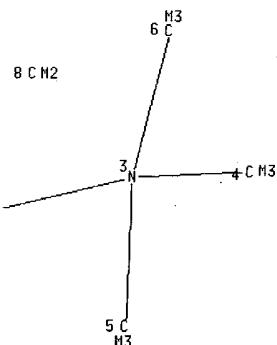
Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
L13 STRUCTURE UPLOADED

=> dis que
L13 STR



Page 1-A



Page 1-B

9

Page 2-A

REP G20=(2-3) 8-2 8-3

NODE ATTRIBUTES:

HCOUNT IS M1 AT 2
 HCOUNT IS M3 AT 4
 HCOUNT IS M3 AT 5
 HCOUNT IS M3 AT 6
 HCOUNT IS M2 AT 8
 HCOUNT IS M2 AT 10
 HCOUNT IS M2 AT 11
 HCOUNT IS M2 AT 12
 HCOUNT IS M2 AT 13
 NSPEC IS C AT 1
 NSPEC IS C AT 2
 NSPEC IS C AT 3
 NSPEC IS C AT 4
 NSPEC IS C AT 5
 NSPEC IS C AT 6
 NSPEC IS C AT 7
 NSPEC IS C AT 8
 NSPEC IS C AT 9
 NSPEC IS C AT 10
 NSPEC IS C AT 11
 NSPEC IS C AT 12
 NSPEC IS C AT 13
 DEFAULT MLEVEL IS ATOM
 MLEVEL IS CLASS AT 1 2 3 4 5 6 7 8 10 11 12 13
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE

=> s 113
 SAMPLE SEARCH INITIATED 10:50:15 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 241 TO ITERATE

100.0% PROCESSED 241 ITERATIONS 13 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 3889 TO 5751
 PROJECTED ANSWERS: 44 TO 476

L14 13 SEA SSS SAM L13

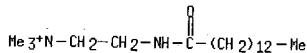
=> d 114 1-13

L14 ANSWER 1 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 771447-46-2 REGISTRY
 CN 1-Propanaminium, 3-[(11-(decylthio)-1-oxoundecyl)amino]-N,N,N-trimethyl-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C27 H57 N2 O S
 CI COM
 SR CA

$$\begin{array}{c}
 \text{Me}_3^+ \text{N} - (\text{CH}_2)_3 - \text{NH} - \text{C}(\text{H}) - (\text{CH}_2)_10 - \text{S} - (\text{CH}_2)_9 - \text{Me}
 \end{array}$$

L14 ANSWER 2 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 690625-43-5 REGISTRY

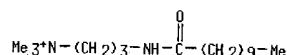
CN Ethanaminium, N,N,N-trimethyl-2-[(1-oxotetradecyl)amino]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H41 N2 O
 CI COM
 SR CA



L14 ANSWER 3 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 466681-89-0 REGISTRY
 CN 1-Propanaminium, N,N,N-trimethyl-3-[(1-oxoundecyl)amino]-, salt with methyloxirane block polymer with oxirane mono(hydrogen 2-butenedioate) eicosyl ether (1:1) (9CI) (CA INDEX NAME)
 MF C20 H42 O . C17 H37 N2 O . C4 H3 O4 . (C3 H6 O . C2 H4 O)x
 PCT Polyether, Polyether formed
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

CM 1

CRN 146919-77-9
 CMF C17 H37 N2 O



CM 2

CRN 466681-88-9
 CMF C20 H42 O . C4 H3 O4 . (C3 H6 O . C2 H4 O)x

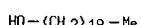
CM 3

CRN 928-03-0
 CMF C4 H3 O4



CM 4

CRN 629-96-9
 CMF C20 H42 O



CM 5

CRN 106392-12-5
 CMF (C3 H6 O . C2 H4 O)x
 CCI PMS

CM 6

CRN 75-56-9

CMF C3 H6 O



CM 7

CRN 75-21-8
CMF C2 H4 O

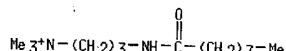


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 4 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
RN 466681-87-8 REGISTRY
CN 1-Propanaminium, N,N,N-trimethyl-3-[(1-oxononyl)amino]-, salt with
methyloxirane block polymer with oxirane mono(hydrogen 2-butenedioate)
octadecyl ether (1:1) (9CI) (CA INDEX NAME)
MF C18 H38 O . C15 H33 N2 O . C4 H3 O4 . (C3 H6 O . C2 H4 O)x
PCT Polyether, Polyether formed
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES
(Uses)

CM 1

CRN 466681-86-7
CMF C15 H33 N2 O

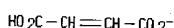


CM 2

CRN 466681-85-6
CMF C18 H38 O . C4 H3 O4 . (C3 H6 O . C2 H4 O)x

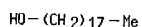
CM 3

CRN 928-03-0
CMF C4 H3 O4



CM 4

CRN 112-92-5
CMF C18 H38 O



CM 5

CRN 106392-12-5
CMF (C3 H6 O . C2 H4 O)x

CCI PMS

CM 6

CRN 75-56-9
CMF C3 H6 O



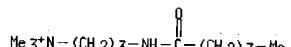
CM 7

CRN 75-21-8
CMF C2 H4 O



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

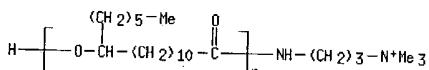
L14 ANSWER 5 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
RN 466639-26-9 REGISTRY
CN 1-Propanaminium, N,N,N-trimethyl-3-[(1-oxononyl)amino]-, chloride (9CI)
(CA INDEX NAME)
MF C15 H33 N2 O . Cl
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)
CRN (466681-86-7)



Cl-

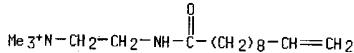
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 6 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
RN 172528-00-6 REGISTRY
CN Poly[oxy(1-hexyl-12-oxo-1,12-dodecanediyl)], α -hydro- ω -[(3-
(trimethylammonio)propyl]amino]- (9CI) (CA INDEX NAME)
MF (C18 H34 O2)n C6 H17 N2
CI PMS, COM
PCT Polyester
SR CA



L14 ANSWER 7 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
RN 171731-00-3 REGISTRY
CN Ethanaminium, N,N,N-trimethyl-2-[(1-oxo-10-undecenyl)amino]-,
methanesulfonate (9CI) (CA INDEX NAME)
MF C16 H33 N2 O . C H3 O3 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER
DT.CA CAplus document type: Journal
RL.NP Roles from non-patents: BIOL (Biological study); USES (Uses)

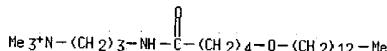
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CRN 171730-99-7
CMF C16 H33 N2 O

CM 2

CRN 16053-58-0
CMF C H3 O3 S1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

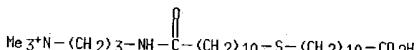
L14 ANSWER 8 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 148414-45-3 REGISTRY
 CN 1-Propanaminium, N,N,N-trimethyl-3-[[1-oxo-5-(tridecyloxy)pentyl]amino]-, iodide (9CI) (CA INDEX NAME)
 MF C24 H51 N2 O2 . I
 SR CA
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: PREP (Preparation)
 CRN (684208-24-0)



I-

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 9 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 141135-56-0 REGISTRY
 CN 1-Propanaminium, 3-[[11-[(10-carboxydecyl)thio]-1-oxoundecyl]amino]-N,N,N-trimethyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C28 H57 N2 O3 S
 CI COM
 SR CA

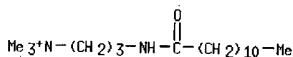


L14 ANSWER 10 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 123369-04-0 REGISTRY
 CN 1-Propanaminium, N,N,N-trimethyl-3-[(1-oxododecyl)amino]-, ethanesulfonate (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ethanesulfonic acid, ion(1-), N,N,N-trimethyl-3-[(1-oxododecyl)amino]-1-propanaminium (9CI)
 MF C18 H39 N2 O . C2 H5 O3 S
 SR CA

LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: USES (Uses)

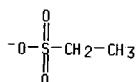
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CRN 45260-21-7
 CMF C18 H39 N2 O



CM 2

CRN 10047-83-3
 CMF C2 H5 O3 S

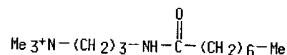


1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 11 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 109371-35-9 REGISTRY
 CN 1-Propanaminium, N,N,N-trimethyl-3-[(1-oxooctyl)amino]-, octyl phosphate (1:1) (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Phosphoric acid, mono{octyl ester, ion(1-), N,N,N-trimethyl-3-[(1-oxooctyl)amino]-1-propanaminium (9CI)}
 MF C14 H31 N2 O . C8 H18 O4 P
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: USES (Uses)

CM 1

CRN 100772-84-7
 CMF C14 H31 N2 O



CM 2

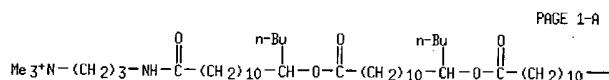
CRN 45102-33-8
 CMF C8 H18 O4 P

Me-(CH₂)₇-O-PO₃H₂

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 12 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 88465-78-5 REGISTRY
 CN 1-Propanaminium, 3-[[12-[(12-hydroxy-1-oxohexadecyl)oxy]-1-oxohexadecyl]oxy]-1-oxohexadecyl]amino]-N,N,N-trimethyl- (9CI) (CA INDEX NAME)
 MF C54 H107 N2 O6

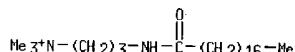
CI COM



L14 ANSWER 13 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 19277-88-4 REGISTRY
 CN 1-Propanaminium, N,N,N-trimethyl-3-[(1-oxooctadecyl)amino]-, methyl sulfate (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ammonium, trimethyl(3-octadecanamidopropyl)-, methyl sulfate (8CI)
 CN Trimethyl(3-stearamidopropyl)ammonium methyl sulfate (6CI)
 OTHER NAMES:
 CN (Octadecanoylaminotrimethylene)trimethylammonium methyl sulfate
 CN Elegan R 115
 DR 321746-55-8
 MF C24 H51 N2 O . C H3 O4 S
 LC STN Files: CA, CAOLD, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

CM 1

CRN 45296-14-8
 CMF C24 H51 N2 O



CM 2

CRN 21228-90-0
 CMF C H3 O4 S

Me-0-SO₃⁻

14 REFERENCES IN FILE CA (1907 TO DATE)
 14 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s 113

SAMPLE SEARCH INITIATED 10:50:15 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 241 TO ITERATE

100.0% PROCESSED 241 ITERATIONS
 SEARCH TIME: 00.00.01

13 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 3889 TO 5751
 PROJECTED ANSWERS: 44 TO 476

L14 13 SEA SSS SAM L13

=> search 113
 ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.
 ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:full
 FULL SEARCH INITIATED 10:54:37 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 4144 TO ITERATE

100.0% PROCESSED 4144 ITERATIONS 235 ANSWERS
 SEARCH TIME: 00.00.01

L15 235 SEA SSS FUL L13

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 COST IN U.S. DOLLARS SINCE FILE TOTAL
 FULL ESTIMATED COST ENTRY SESSION
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FILE COVERS 1907 - 10 Nov 2004 VOL 141 ISS 20
 FILE LAST UPDATED: 9 Nov 2004 (20041109/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s subterranean
 L16 4873 SUBTERRANEAN

=> s 115 and 116
 212 L15
 L17 0 L15 AND L16

=> s aqueous and 115
 160862 AQUEOUS
 212 L15
 L18 7 AQUEOUS AND L15

=> d 118 1-7

L18 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citation References

AN 2003:924103 CAPLUS
 DN 140:183608
 TI 2-(Acylamino)ethyltrimethylammonium chloride surfactants: synthesis and properties of aqueous solutions
 AU Shimizu, Susana; El Seoud, Omar A.
 CS Instituto de Quimica, Universidade de Sao Paulo, Sao Paulo, 05513-970, Brazil

SO Colloid and Polymer Science (2003), 282(1), 21-31

CODEN: CPMSB6; ISSN: 0303-402X

PB Springer-Verlag

DT Journal

LA English

RE.CNT 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:138801 CAPLUS

DN 136:185813

TI Cleaning of hard surfaces using thickened, rheopectic **aqueous** cleaning agents

IN Noll, Uwe; Tyborski, Thomas; Luedecke, Werner

PA Henkel Ecolab GmbH & Co Ohg, Germany

SO Ger. Offen., 12 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10037405	A1	20020221	DE 2000-10037405	20000801
PRAI	DE 2000-10037405		20000801		
OS	MARPAT 136:185813				

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:129405 CAPLUS

DN 136:185289

TI Recovery of the faded color of garments by treating the faded garments with **aqueous** mixtures containing water-insoluble polymers and surfactants

IN Yamada, Isao; Inoue, Akihiro; Tsukiyama, Yoichi; Ogura, Nobuyuki

PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002054074	A2	20020219	JP 2001-155036	20010524
PRAI	JP 2000-154527	A	20000525		

L18 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:61533 CAPLUS

DN 134:132965

TI **Aqueous** carbon black dispersions containing cationic and nonionic surfactants

IN Kalbitz, Werner; Alfons, Karl; Kleinhenz, Horst; Johann, Mathias; Stuebbe, Andreas; Tauber, Gerd

PA Degussa-Huels AG, Germany

SO Ger. Offen., 8 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI	DE 19934282	A1	20010125	DE 1999-19934282	19990721
	EP 1072654	A2	20010131	EP 2000-111718	20000602
	EP 1072654	A3	20040114		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2001072914	A2	20010321	JP 2000-217872	20000718
	US 6685769	B1	20040203	US 2000-621462	20000721
PRAI	DE 1999-19934282	A	19990721		
OS	MARPAT 134:132965				

L18 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

<input type="checkbox"/> Full Text	<input type="checkbox"/> Citing References
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AN 2001:61532 CAPLUS
 DN 134:117197
 TI **Aqueous** carbon black dispersions containing cationic surfactants
 IN Kalbitz, Werner; Alfons, Karl; Kleinhenz, Horst; Johann, Mathias; Stuebbe, Andreas; Tauber, Gerd
 PA Degussa-Huels AG, Germany
 SO Ger. Offen., 6 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19934281	A1	20010125	DE 1999-19934281	19990721
	EP 1072655	A2	20010131	EP 2000-111719	20000602
	EP 1072655	A3	20040107		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2001115060	A2	20010424	JP 2000-217871	20000718
	US 6451100	B1	20020917	US 2000-625203	20000721
PRAI	DE 1999-19934281	A	19990721		
OS	MARPAT 134:117197				

L18 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

<input type="checkbox"/> Full Text	<input type="checkbox"/> Citing References
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AN 2000:116850 CAPLUS
 DN 132:133626
 TI **Aqueous** formulations of plant growth regulators.
 IN Kober, Reiner; Rademacher, Wilhelm; Hoppner, Peter; Kiessling, Ulrich; Scholz, Jürgen; Berghaus, Rainer; Borzyk, Oliver; Oetter, Gunter
 PA BASF A.-G., Germany
 SO PCT Int. Appl., 34 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000007445	A1	20000217	WO 1999-EP4871	19990712
	W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HR, HU, ID, IL, IN, JP, KR, KZ, LT, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2338988	AA	20000217	CA 1999-2338988	19990712
	AU 9950357	A1	20000228	AU 1999-50357	19990712
	AU 762608	B2	20030703		
	EP 1100329	A1	20010523	EP 1999-934661	19990712
	EP 1100329	B1	20031112		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002522358	T2	20020723	JP 2000-563142	19990712

<u>NZ 509544</u>	A	20030829	<u>NZ 1999-509544</u>	19990712
<u>AT 253822</u>	E	20031115	<u>AT 1999-934661</u>	19990712
<u>PT 1100329</u>	T	20040430	<u>PT 1999-934661</u>	19990712
<u>ES 2212589</u>	T3	20040716	<u>ES 1999-934661</u>	19990712
<u>TW 548076</u>	B	20030821	<u>TW 1999-88113112</u>	19990731
<u>ZA 2001000825</u>	A	20020130	<u>ZA 2001-825</u>	20010130
<u>US 6451739</u>	B1	20020917	<u>US 2001-744719</u>	20010130
<u>PRAI DE 1998-19834543</u>	A	19980731		
<u>WO 1999-EP4871</u>	W	19990712		

OS MARPAT 132:133626

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	<input checked="" type="checkbox"/> Citing References
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AN 1999:556907 CAPLUS
 DN 131:171914
 TI **Aqueous** compositions containing peracid precursors stabilized by cationic surfactants and cleaning method with good bleaching effects for removal of molds
 IN Aihara, Noboru; Hanai, Junya; Yamada, Hiroyuki; Tsukuda, Kazunori; Kubo, Makoto
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>JP 11236596</u>	A2	19990831	<u>JP 1998-215605</u>	19980730
PRAI	<u>JP 1997-347509</u>		19971217		
OS	MARPAT 131:171914				

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<u>NZ</u> 509544	A	20030829	<u>NZ</u> 1999-509544	19990712
<u>AT</u> 253822	E	20031115	<u>AT</u> 1999-934661	19990712
<u>PT</u> 1100329	T	20040430	<u>PT</u> 1999-934661	19990712
<u>ES</u> 2212589	T3	20040716	<u>ES</u> 1999-934661	19990712
<u>TW</u> 548076	B	20030821	<u>TW</u> 1999-88113112	19990731
<u>ZA</u> 2001000825	A	20020130	<u>ZA</u> 2001-825	20010130
<u>US</u> 6451739	B1	20020917	<u>US</u> 2001-744719	20010130
<u>PRAI</u> DE 1998-19834543	A	19980731		
	W	19990712		
OS MARPAT 132:133626				

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1999:556907 CAPLUS
 DN 131:171914
 TI **Aqueous** compositions containing peracid precursors stabilized by cationic surfactants and cleaning method with good bleaching effects for removal of molds
 IN Aihara, Noboru; Hanai, Junya; Yamada, Hiroyuki; Tsukuda, Kazunori; Kubo, Makoto
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI JP 11236596	A2	19990831	JP 1998-215605	19980730
PRAI JP 1997-347509		19971217		
OS MARPAT 131:171914				

=> s 19277-88-4

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L20 14 L19

=> d 120 1-14

L20 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2004:466715 CAPLUS
 DN 141:28229
 TI Cosmetic cleansing compositions for skin and hair containing quaternary ammonium alkylamide derivatives
 IN Liebelt, Wibke; Jung, Lars; Goddinger, Dieter
 PA Hans Schwarzkopf G.m.b.H. & Co. K.-G., Germany
 SO Ger. Offen., 18 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 10309180	A1	20040609	DE 2003-10309180	20030228
PRAI	DE 2003-10309180		20030228		
OS	MARPAT 141:28229				

L20 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2003:809312 CAPLUS
 DN 139:311935
 TI Cosmetic base compositions and cosmetic products containing biodegradable quaternary ammonium salts
 IN Yajima, Toshio; Ogawa, Kenji; Wakui, Kazuo; Koyama, Takashi
 PA Lion Corp., Japan; Lion Akzo Co., Ltd.
 SO Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2003292412	A2	20031015	JP 2002-102476	20020404
PRAI JP 2002-102476		20020404		
OS MARPAT 139:311935				

L20 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2003:470868 CAPLUS
 DN 139:54237
 TI Waterborne agents for oiling biodegradable synthetic fibers with freedom from scum buildup and good antistatic property
 IN Takagi, Makoto; Kobayashi, Kiyoto; Kinoshita, Tsukasa
 PA Takemoto Oil and Fat Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2003171871	A2	20030620	JP 2001-370970	20011205
PRAI JP 2001-370970		20011205		
OS MARPAT 139:54237				

L20 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2003:152393 CAPLUS
 DN 138:195838
 TI Image forming method using contact charging roll
 IN Suwabe, Masaaki; Kamata, Shin; Sato, Shuji; Kadokura, Yasuo; Ishiyama, Takao
 PA Fuji Xerox Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 17 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2003057866	A2	20030228	JP 2001-247928	20010817
US 2003113650	A1	20030619	US 2002-219489	20020816
PRAI JP 2001-247928	A	20010817		

L20 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:844254 CAPLUS
 DN 138:226353
 TI Nonaqueous hair styling compositions containing polymers
 IN Cincotta, Joseph J.; Coppola, Linda
 PA USA
 SO U.S. Pat. Appl. Publ., 20 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>US 2002155962</u>	A1	20021024	<u>US 2001-764942</u>	20010117
	<u>US 2002155962</u>	A1	20021024	<u>US 2001-764942</u>	20010117
	<u>US 6706674</u>	B2	20040316		
PRAI	<u>US 2001-764942</u>	A	20010117		

L20 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:581677 CAPLUS
 DN 135:170470
 TI Clear microemulsions containing quaternary ammonium salts for use in hair conditioner formulations
 IN Dalrymple, Damon M.; Manning, Monna
 PA Goldschmidt Chemical Co., USA
 SO PCT Int. Appl., 47 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>WO 2001056537</u>	A1	20010809	<u>WO 2001-US639</u>	20010110
	W: AU, CA, JP, PL				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	<u>US 2001053374</u>	A1	20011220	<u>US 2000-497462</u>	20000203
	<u>EP 1251820</u>	A1	20021030	<u>EP 2001-901906</u>	20010110
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
PRAI	<u>US 2000-497462</u>	A	20000203		
	<u>WO 2001-US639</u>	W	20010110		
OS	MARPAT 135:170470				

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2000:887833 CAPLUS
 DN 134:43295
 TI Electrically conductive printing rolls
 IN Kamiishi, Kentaro; Watanabe, Ryiji; Shindo, Takuya
 PA Fuji Xerox Co., Ltd., Japan; Suzuka Fuji Xerox K. K.
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>JP 2000352857</u>	A2	20001219	<u>JP 1999-167152</u>	19990614
PRAI	<u>JP 1999-167152</u>		19990614		

L20 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
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AN 2000:121812 CAPLUS
 DN 132:170846
 TI Shampoos containing arginine salts and cationic surfactants
 IN Shimada, Masahiko; Nakamura, Hiroyuki
 PA Nippon Oil and Fats Co., Ltd., Japan; Ajinomoto Co., Inc.
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>JP 2000053540</u>	A2	20000222	<u>JP 1998-220750</u>	19980804
PRAI	<u>JP 1998-220750</u>		19980804		
OS	MARPAT 132:170846				

L20 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
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AN 1994:220329 CAPLUS
 DN 120:220329
 TI Wax dispersions for yarns
 IN Danner, Bernard
 PA Sandoz-Patent-GmbH, Germany
 SO Ger. Offen., 12 pp.
 CODEN: GWXXBX

DT Patent
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>DE 4206714</u>	A1	19930909	<u>DE 1992-4206714</u>	19920304
	<u>WO 9318222</u>	A1	19930916	<u>WO 1993-CH50</u>	19930301
	W: JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	<u>EP 583446</u>	A1	19940223	<u>EP 1993-903778</u>	19930301
	<u>EP 583446</u>	B1	19960814		
	R: CH, DE, FR, GB, IT, LI				
	<u>JP 06507443</u>	T2	19940825	<u>JP 1993-515156</u>	19930301
	<u>US 5389136</u>	A	19950214	<u>US 1993-25206</u>	19930302
PRAI	<u>DE 1992-4206714</u>	A	19920304		
	<u>WO 1993-CH50</u>	W	19930301		
OS	MARPAT 120:220329				

L20 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
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AN 1993:131746 CAPLUS
 DN 118:131746
 TI Shampoos containing cationic and anionic surfactants to impart improved hair conditioning properties
 IN Duffy, Michele; Bergmann, Wolfgang
 PA Curtis, Helene, Inc., USA
 SO Eur. Pat. Appl., 42 pp.
 CODEN: EPXXDW

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>EP 511652</u>	A1	19921104	<u>EP 1992-107311</u>	19920429
	<u>EP 511652</u>	B1	19951129		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	<u>CA 2066885</u>	AA	19921030	<u>CA 1992-2066885</u>	19920423

CA 2066885	C	20020723		
IL 101682	A1	19961205	IL 1992-101682	19920423
NO 9201640	A	19921030	NO 1992-1640	19920428
AU 9215224	A1	19921105	AU 1992-15224	19920428
AU 653216	B2	19940922		
ZA 9203084	A	19930127	ZA 1992-3084	19920428
AT 130751	E	19951215	AT 1992-107311	19920429
ES 2080369	T3	19960201	ES 1992-107311	19920429
JP 06107525	A2	19940419	JP 1992-155568	19920430
PRAI US 1991-692709	A	19910429		
OS MARPAT 118:131746				

L20 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
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AN 1988:512462 CAPLUS
 DN 109:112462
 TI Antistatic and softening agent for fabrics
 IN Mikulcova, Dagmar; Smidrkal, Jan; Krob, Vaclav; Simunek, Jaroslav; Koninkova, Vendula
 PA Czech.
 SO Czech., 4 pp.
 CODEN: CZXXA9
 DT Patent
 LA Czech
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI CS 246531	B1	19861016	CS 1984-5869	19840801
PRAI CS 1984-5869		19840801		

L20 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
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AN 1987:424769 CAPLUS
 DN 107:24769
 TI Preparation of quaternized aminoamido waxes for finishes for textiles
 IN Danner, Bernard; Schleusener, Eckart
 PA Sandoz-Patent-G.m.b.H., Fed. Rep. Ger.
 SO Ger. Offen., 10 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	-----	-----	-----	-----
PI DE 3621345	A1	19870122	DE 1986-3621345	19860626
DE 3621345	C2	19960307		
CH 669956	A	19890428	CH 1986-2537	19860624
CH 682198	A3	19930813	CH 1988-4683	19860624
CH 682198	B	19940215		
FR 2584735	A1	19870116	FR 1986-10034	19860708
FR 2584735	B1	19940107		
BE 905076	A1	19870109	BE 1986-11516	19860709
GB 2177720	A1	19870128	GB 1986-16709	19860709
GB 2177720	B2	19880914		
NL 8601790	A	19870202	NL 1986-1790	19860709
NL 191369	B	19950116		
NL 191369	C	19950616		
US 4743660	A	19880510	US 1986-884164	19860710
CA 1284148	A1	19910514	CA 1986-513491	19860710
JP 62026257	A2	19870204	JP 1986-162159	19860711
JP 07059540	B4	19950628		
ZA 8605222	A	19880224	ZA 1986-5222	19860711
ES 2002468	A6	19880816	ES 1986-249	19860711
AT 8601881	A	19940415	AT 1986-1881	19860711

<u>PRAI</u>	US 4885325	A	19891205	<u>US 1988-186280</u>	19880426
	DE 1985-3525116		19850713		
	CH 1986-2537		19860624		
	US 1986-884164		19860710		

L20 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1984:140463 CAPLUS
 DN 100:140463
 TI Laminated films for use as an agricultural covering
 PA Mitsui Toatsu Chemicals, Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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<u>PI</u> JP 58160146	A2	19830922	<u>JP 1982-42983</u>	19820319
JP 63065026	B4	19881214		
<u>PRAI</u> JP 1982-42983		19820319		

L20 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1976:151426 CAPLUS
 DN 84:151426
 TI Porous solids consisting of crosslinked urea-formaldehyde polycondensation products
 IN Renner, Alfred
 PA Ciba-Geigy A.-G., Switz.
 SO U.S., 5 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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<u>PI</u> US 3931063	A	19760106	<u>US 1974-451380</u>	19740314
<u>PRAI</u> US 1970-65329		19700819		
US 1973-383696		19730730		

=>

FILE LAST UPDATED: 9 Nov 2004 (20041109/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 115 and chloride
 212 L15
 1008502 CHLORIDE
 L21 93 L15 AND CHLORIDE

=> file reg
 COST IN U.S. DOLLARS SINCE FILE TOTAL
 FULL ESTIMATED COST ENTRY SESSION
 2.26 241.22

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STRUCTURE FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9
 DICTIONARY FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d 121 1-20
 YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N

L21 ANSWER 1 OF 93 CAPLUS COPYRIGHT 2004 ACS

Full Text Citing References

AN 2004:466715 CAPLUS
 DN 141:28229
 TI Cosmetic cleansing compositions for skin and hair, containing ammonium alkylamide derivatives
 IN Liebelt, Wibke; Jung, Lars; Goddinger, Dieter
 PA Hans Schwarzkopf G.m.b.H. & Co. K.-G., Germany
 SO Ger. Offen., 18 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 10309180	A1	20040609	DE 2003-10309180	20030228
PRAI DE 2003-10309180		20030228		
OS MARPAT 141:28229				

L21 ANSWER 2 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2004:450595 CAPLUS
 DN 141:28224
 TI Cationic nanoemulsions for cosmetics
 IN Dubief, Claude; Fack, Geraldine; Nicolas, Morgantini Luc; Restle, Serge
 PA L'oreal, Fr.
 SO Fr. Demande, 28 pp.
 CODEN: FRXXBL
 DT Patent
 LA French
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>PI FR 2847831</u>	A1	20040604	<u>FR 2002-15080</u>	20021129
<u>EP 1430867</u>	A1	20040623	<u>EP 2003-292766</u>	20031105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
<u>US 2004151746</u>	A1	20040805	<u>US 2003-717626</u>	20031121
<u>PRAI FR 2002-15080</u>	A	20021129		
<u>US 2002-432635P</u>	P	20021212		
OS MARPAT 141:28224				

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 3 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2004:331952 CAPLUS
 DN 140:344501
 TI Hair conditioning compositions comprising thickening polymers and cationic surfactants
 IN Kahn, Golam Faruque
 PA The Procter & Gamble Company, USA
 SO PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>PI WO 2004032887</u>	A1	20040422	<u>WO 2003-US32013</u>	20031008
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, EG, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
<u>PRAI US 2004076595</u>	A1	20040422	<u>US 2003-683830</u>	20031010
<u>US 2002-417710P</u>	P	20021010		
<u>US 2003-476706P</u>	P	20030606		

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 4 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2004:217196 CAPLUS
 DN 140:230947
 TI Nonirritating biodegradable hydrolysis-resistant antibacterial agents, their compositions, and their use for detergents and lubricants for conveyors

IN Tsushima, Yasuhiro; Watanabe, Noriko; Beppu, Koji; Shirai, Hiroaki
 PA Asahi Denka Kogyo K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 25 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2004083562	A2	20040318	JP 2003-117581	20030422
PRAI	JP 2002-194334	A	20020703		
OS	MARPAT 140:230947				

L21 ANSWER 5 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2003:1007116 CAPLUS

DN 140:54446

TI Delivery of DNA to cells with DNA-cationic surfactant and DNA-cationic surfactant-amphiphatic compound complexes

IN Sean, Monahan; Nader, Lisa; Wolff, Jon A.; Budker, Vladimir G.; Hagstrom, James E.

PA Mirus Corporation, USA

SO PCT Int. Appl., 86 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003106636	A2	20031224	WO 2003-US18759	20030616
	WO 2003106636	A3	20040304		
	W: JP				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
PRAI	US 2003235916	A1	20031225	US 2003-462138	20030616
	US 2002-388685P	P	20020614		
	US 2003-462138	A	20030616		

L21 ANSWER 6 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2003:924103 CAPLUS

DN 140:183608

TI 2-(Acylamino)ethyltrimethylammonium chloride surfactants: synthesis and properties of aqueous solutions

AU Shimizu, Susana; El Seoud, Omar A.

CS Instituto de Quimica, Universidade de Sao Paulo, Sao Paulo, 05513-970, Brazil

SO Colloid and Polymer Science (2003), 282(1), 21-31
 CODEN: CPMSB6; ISSN: 0303-402X

PB Springer-Verlag

DT Journal

LA English

RE.CNT 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 7 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2003:809312 CAPLUS

DN 139:311935

TI Cosmetic base compositions and cosmetic products containing biodegradable quaternary ammonium salts

IN Yajima, Toshio; Ogawa, Kenji; Wakui, Kazuo; Koyama, Takashi

PA Lion Corp., Japan; Lion Akzo Co., Ltd.

SO Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>JP 2003292412</u>	A2	20031015	<u>JP 2002-102476</u>	20020404
PRAI	<u>JP 2002-102476</u>		20020404		
OS	MARPAT 139:311935				

L21 ANSWER 8 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	<input checked="" type="checkbox"/> Citing References
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AN 2003:767372 CAPLUS
 DN 139:397185
 TI 1H and 13C NMR Study on the Aggregation of (2-Acylaminoethyl)trimethylammonium Chloride Surfactants in D2O
 AU Shimizu, Susana; Pires, Paulo Augusto R.; El Seoud, Omar A.
 CS Instituto de Quimica, Universidade de Sao Paulo, Sao Paulo, 05513-970, Brazil
 SO Langmuir (2003), 19(23), 9645-9652
 CODEN: LANGD5; ISSN: 0743-7463
 PB American Chemical Society
 DT Journal
 LA English

RE.CNT 67 THERE ARE 67 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 9 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	<input checked="" type="checkbox"/> Citing References
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AN 2003:412032 CAPLUS
 DN 139:8465
 TI Softening agent compositions imparting wrinkle prevention effect on clothing
 IN Hayashi, Hiromitsu; Ushio, Noriaki; Tagata, Shuji
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 15 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>JP 2003155667</u>	A2	20030530	<u>JP 2001-355902</u>	20011121
PRAI	<u>JP 2001-355902</u>		20011121		
OS	MARPAT 139:8465				

L21 ANSWER 10 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	<input checked="" type="checkbox"/> Citing References
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AN 2003:58132 CAPLUS
 DN 138:108335
 TI Hydrophobic cationic dispersions stabilized by low-molecular-weight maleimide copolymers which are associated with cationic surfactants and the applications thereof in relation to coatings and paper sizing
 IN Dumousseaux, Christophe; Duque, Baudouin; Pauly, Francois-Xavier; Verge, Christophe
 PA ATOFINA, Fr.
 SO PCT Int. Appl., 27 pp.
 CODEN: PIXXD2
 DT Patent
 LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>WO 2003006511</u>	A2	20030123	<u>WO 2002-FR2466</u>	20020711

WO 2003006511	A3	20030925		
WO 2003006511	B1	20031106		
W: AU, BR, CA, CN, JP, KR, MX, US				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR				
FR 2827293	A1	20030117	FR 2001-9279	20010712
EP 1409556	A2	20040421	EP 2002-784865	20020711
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR, BG, CZ, EE, SK				
PRAI FR 2001-9279	A	20010712		
WO 2002-FR2466	W	20020711		

L21 ANSWER 11 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2003:15680 CAPLUS
 DN 138:75135
 TI Fabric deodorants and their application method
 IN Hayashi, Hiromitsu; Yamaguchi, Noriko; Tagata, Shuji
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI JP 2003003371	A2	20030108	JP 2001-190779	20010625
PRAI JP 2001-190779		20010625		
OS MARPAT 138:75135				

L21 ANSWER 12 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:944531 CAPLUS
 DN 138:14862
 TI Softener composition
 IN Ushio, Noriaki; Yamamoto, Atsushi; Tagata, Shuji
 PA Kao Corporation, Japan
 SO Eur. Pat. Appl., 24 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI EP 1264874	A1	20021211	EP 2002-12375	20020606
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2003060389	A1	20030327	US 2002-162877	20020606
JP 2003155668	A2	20030530	JP 2002-167184	20020607
PRAI JP 2001-174057	A	20010608		
JP 2001-271594	A	20010907		
OS MARPAT 138:14862				

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 13 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:901580 CAPLUS
 DN 138:9611
 TI Method of forming nonspherical electrophotographic toner containing tetraphenylphosphate quaternary ammonium salt charge-controlling agent
 IN Ezenyilimba, Matthew C.; Wilson, John C.; McGrath, Gretchen S.
 PA Heidelberger Druckmaschinen AG, Germany; Nexpress Solutions LLC
 SO Jpn. Kokai Tokkyo Koho, 18 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>JP 2002341593</u>	A2	20021127	<u>JP 2002-66983</u>	20020312
	<u>US 2003008227</u>	A1	20030109	<u>US 2001-814899</u>	20010322
	<u>US 2003224280</u>	A1	20031204	<u>US 2003-414394</u>	20030415
PRAI	<u>US 2001-814899</u>	A	20010322		
OS	MARPAT 138:9611				

L21 ANSWER 14 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:885968 CAPLUS
 DN 137:374991
 TI Hair conditioning composition containing a mixture of fatty alcohols
 IN Mueller, Rainer
 PA L'Oreal, Fr.
 SO Eur. Pat. Appl., 15 pp.
 CODEN: EPXXDW

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>EP 1258236</u>	A1	20021120	<u>EP 2002-291125</u>	20020503
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	<u>FR 2824732</u>	A1	20021122	<u>FR 2001-6383</u>	20010515
	<u>FR 2824732</u>	B1	20030822		
	<u>US 2003003073</u>	A1	20030102	<u>US 2002-143764</u>	20020514
	<u>JP 2002363040</u>	A2	20021218	<u>JP 2002-140176</u>	20020515
PRAI	<u>FR 2001-6383</u>	A	20010515		
OS	MARPAT 137:374991				

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 15 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:844254 CAPLUS
 DN 138:226353
 TI Nonaqueous hair styling compositions containing polymers
 IN Cincotta, Joseph J.; Coppola, Linda
 PA USA
 SO U.S. Pat. Appl. Publ., 20 pp.
 CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>US 2002155962</u>	A1	20021024	<u>US 2001-764942</u>	20010117
	<u>US 2002155962</u>	A1	20021024	<u>US 2001-764942</u>	20010117
	<u>US 6706674</u>	B2	20040316		
PRAI	<u>US 2001-764942</u>	A	20010117		

L21 ANSWER 16 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:777676 CAPLUS
 DN 137:299526
 TI Cosmetic compositions containing a starch phosphate and a cationic polymer and uses thereof
 IN Fack, Geraldine; Pourille-Grethen, Chrystel; Restle, Serge

PA L'oreal, Fr.
 SO PCT Int. Appl., 54 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>WO 2002078654</u>	A1	20021010	<u>WO 2002-FR1113</u>	20020329
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	<u>FR 2822683</u>	A1	20021004	<u>FR 2001-4387</u>	20010330
	<u>EP 1379215</u>	A1	20040114	<u>EP 2002-757747</u>	20020329
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	<u>JP 2004527521</u>	T2	20040909	<u>JP 2002-576921</u>	20020329
	<u>US 2004105833</u>	A1	20040603	<u>US 2003-473431</u>	20030930
PRAI	<u>FR 2001-4387</u>	A	20010330		
	<u>WO 2002-FR1113</u>	W	20020329		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 17 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text
 Citing References

AN 2002:591658 CAPLUS
 DN 137:145186
 TI Hair conditioner comprising diquaternary silicon polymers
 IN Aeby, Johann; Irrgang, Bernhard; Mager, Herbert; Pasquier, Gilbert; Romanens, Emmanuel
 PA Wella Aktiengesellschaft, Germany
 SO Eur. Pat. Appl., 13 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>EP 1228748</u>	A1	20020807	<u>EP 2001-129158</u>	20011208
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	<u>DE 10104033</u>	A1	20020814	<u>DE 2001-10104033</u>	20010131
	<u>JP 2002226332</u>	A2	20020814	<u>JP 2002-14280</u>	20020123
	<u>US 2002146381</u>	A1	20021010	<u>US 2002-56307</u>	20020124
	<u>US 6696052</u>	B2	20040224		
PRAI	<u>DE 2001-10104033</u>	A	20010131		
OS	MARPAT 137:145186				

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 18 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text
 Citing References

AN 2002:539493 CAPLUS
 DN 137:98628
 TI Cosmetic compositions containing a fructan and a cationic polymer and their uses
 IN Fack, Geraldine; Pourille-Grethen, Chrystel; Restle, Serge

PA L'Oreal, Fr.
 SO PCT Int. Appl., 47 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>WO 2002055036</u>	A2	20020718	<u>WO 2002-FR108</u>	20020111
	<u>WO 2002055036</u>	A3	20020926		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	<u>FR 2819404</u>	A1	20020719	<u>FR 2001-410</u>	20010112
	<u>EP 1353634</u>	A2	20031022	<u>EP 2002-711942</u>	20020111
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	<u>US 2004105832</u>	A1	20040603	<u>US 2003-466138</u>	20031229
PRAI	<u>FR 2001-410</u>	A	20010112		
	<u>WO 2002-FR108</u>	W	20020111		

L21 ANSWER 19 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:539492 CAPLUS
 DN 137:114204
 TI Cosmetic composition containing one particular soluble conditioning agent and one amphiphilic polymer
 IN Fack, Geraldine; Restle, Serge
 PA L'Oreal, Fr.
 SO PCT Int. Appl., 69 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>WO 2002055035</u>	A1	20020718	<u>WO 2002-FR106</u>	20020111
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	<u>FR 2819177</u>	A1	20020712	<u>FR 2001-332</u>	20010111
	<u>FR 2819177</u>	B1	20030221		
	<u>EP 1353632</u>	A1	20031022	<u>EP 2002-710982</u>	20020111
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRAI	<u>FR 2001-332</u>	A	20010111		
	<u>WO 2002-FR106</u>	W	20020111		

OS MARPAT 137:114204

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 20 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References References

AN 2002:521430 CAPLUS
 DN 137:98625
 TI Transparent oil-in-water cosmetic emulsions containing volatile silicones, surfactants, and polyols
 IN Fack, Geraldine; Gavtrey, Jonathan; Nicolas-Morgantini, Luc; Restle, Serge
 PA L'Oreal, Fr.
 SO PCT Int. Appl., 34 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>WO 2002053113</u>	A1	20020711	<u>WO 2002-FR4</u>	20020102
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
<u>FR 2818902</u>	A1	20020705	<u>FR 2001-15</u>	20010102
<u>FR 2818902</u>	B1	20040903		
<u>FR 2818903</u>	A1	20020705	<u>FR 2001-8759</u>	20010702
<u>EP 1347738</u>	A1	20031001	<u>EP 2002-711916</u>	20020102
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
<u>JP 2004526689</u>	T2	20040902	<u>JP 2002-554064</u>	20020102
<u>US 2004091437</u>	A1	20040513	<u>US 2003-250369</u>	20031218
<u>PRAI</u>	<u>FR 2001-15</u>	A	<u>20010102</u>	
	<u>FR 2001-8759</u>	A	<u>20010702</u>	
	<u>WO 2002-FR4</u>	W	<u>20020102</u>	
OS MARPAT 137:98625				

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L21 ANSWER 21 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References References

AN 2002:521429 CAPLUS
 DN 137:83392
 TI Cosmetic composition comprising a volatile silicone, a silicone surfactant, and a cationic surfactant
 IN Fack, Geraldine; Gavtrey, Jonathan; Nicolas-Morgantini, Luc; Restle, Serge
 PA L'Oreal, Fr.
 SO PCT Int. Appl., 30 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>WO 2002053112</u>	A1	20020711	<u>WO 2002-FR3</u>	20020102
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH				

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
 RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
 UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
FR 2818902 A1 20020705 FR 2001-15 20010102
FR 2818902 B1 20040903
EP 1347737 A1 20031001 EP 2002-710936 20020102
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
JP 2004526688 T2 20040902 JP 2002-554063 20020102
US 2004096416 A1 20040520 US 2003-250362 20031205
PRAI FR 2001-15 A 20010102
WO 2002-FR3 W 20020102
 OS MARPAT 137:83392

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 22 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:516618 CAPLUS
 DN 137:85907
 TI Method for forming toner particles having controlled morphology and containing a quaternary ammonium tetraphenylborate and a polymeric phosphonium salt
 IN Wilson, John C.; Ezenyilimba, Matthew C.; McGrath, Gretchen S.
 PA Heidelberg Digital L.L.C., USA
 SO U.S., 12 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6416921	B1	20020709	US 2001-814923	20010322
	JP 2002365848	A2	20021218	JP 2002-66982	20020312
PRAI	US 2001-814923	A	20010322		

OS MARPAT 137:85907

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 23 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:516419 CAPLUS
 DN 137:80665
 TI Fabric softener composition for laundry use
 IN Ushio, Noriaki; Sakaguchi, Akira; Tagata, Shuji
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002194668	A2	20020710	JP 2000-397795	20001227
PRAI	JP 2000-318889	A	20001019		

OS MARPAT 137:80665

L21 ANSWER 24 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:480259 CAPLUS

DN 137:48907
 TI Laundry detergents for easy recovery of faded color
 IN Yamada, Isao; Inoue, Akihiro; Tsukiyama, Yoichi; Ogura, Nobuyuki
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>JP 2002180092</u>	A2	20020626	<u>JP 2000-374366</u>	20001208
PRAI	<u>JP 2000-374366</u>		20001208		

L21 ANSWER 25 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:129405 CAPLUS
 DN 136:185289
 TI Recovery of the faded color of garments by treating the faded garments with aqueous mixtures containing water-insoluble polymers and surfactants
 IN Yamada, Isao; Inoue, Akihiro; Tsukiyama, Yoichi; Ogura, Nobuyuki
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>JP 2002054074</u>	A2	20020219	<u>JP 2001-155036</u>	20010524
PRAI	<u>JP 2000-154527</u>	A	20000525		

L21 ANSWER 26 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2002:59177 CAPLUS
 DN 136:212050
 TI The red blood cell test predicting the eye irritation potential of surfactants
 AU Borgmann-Strahsen, Renate; Denzer, Horst; Domsch, Andreas; Drechsel, Peter; Hensen, Hermann; Irrgang, Bernhard; Martin, Volker; Pape, Wolfgang; Pfannenbecker, Uwe; Siebert, Joerg; Steiling, Winfried; Turowski-Wanke, Angelika; Ungeheuer, Peter; Wollenweber, Ute; Zimmermann, Frank
 CS Akzo Nobel, Germany
 SO World Surfactants Congress, 5th, Firenze, Italy, May 29-June 2, 2000 (2000), 1524-1533 Publisher: Comite Europeen des Agents de Surface et leurs Intermediaires Organiques, Brussels, Belg.
 CODEN: 69BYUW

DT Conference; (computer optical disk)
 LA English

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 27 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:868767 CAPLUS
 DN 136:8146
 TI Color-recovering agents for faded clothes
 IN Yamada, Isao; Inoue, Norihiro; Tsukiyama, Yoichi
 PA Kao Corporation, Japan
 SO PCT Int. Appl., 28 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>PI</u> <u>WO 2001090477</u>	A1	20011129	<u>WO 2001-JP4365</u>	20010524
W: CN, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
<u>JP 2001336070</u>	A2	20011207	<u>JP 2000-154525</u>	20000525
<u>JP 2001336069</u>	A2	20011207	<u>JP 2000-154526</u>	20000525
<u>EP 1291461</u>	A1	20030312	<u>EP 2001-932248</u>	20010524
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
<u>US 2003141489</u>	A1	20030731	<u>US 2002-239569</u>	20021213
<u>PRAI</u> <u>JP 2000-154525</u>	A	20000525		
<u>JP 2000-154526</u>	A	20000525		
<u>WO 2001-JP4365</u>	W	20010524		

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 28 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:666676 CAPLUS
DN 135:231512
TI Hair treatment composition containing quaternary ammonium salts
IN Oota, Atsushi; Wakahara, Yoshiyuki; Sato, Shin; Kasai, Masahiro
PA Sanyo Chemical Industries Ltd., Japan
SO U.S., 20 pp.
CODEN: USXXAM

DT Patent
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>PI</u> <u>US 6287547</u>	B1	20010911	<u>US 1999-417010</u>	19991012
<u>PRAI</u> <u>US 1999-417010</u>		19991012		

OS MARPAT 135:231512
RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 29 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:581677 CAPLUS
DN 135:170470
TI Clear microemulsions containing quaternary ammonium salts for use in hair conditioner formulations
IN Dalrymple, Damon M.; Manning, Monna
PA Goldschmidt Chemical Co., USA
SO PCT Int. Appl., 47 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>PI</u> <u>WO 2001056537</u>	A1	20010809	<u>WO 2001-US639</u>	20010110

W: AU, CA, JP, PL
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR

US 2001053374 A1 20011220 US 2000-497462 20000203
EP 1251820 A1 20021030 EP 2001-901906 20010110

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR

PRAI US 2000-497462 A 20000203
WO 2001-US639 W 20010110

OS MARPAT 135:170470

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 30 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:578597 CAPLUS
DN 135:124156
TI Bactericide combinations in detergents
IN Elsmore, Richard; Houghton, Mark Phillip
PA Robert McBride Ltd., UK
SO Brit. UK Pat. Appl., 53 pp.
CODEN: BAXXDU

DT Patent
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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<u>PI GB 2354771</u>	A1	20010404	<u>GB 1999-23253</u>	<u>19991001</u>
<u>PRAI GB 1999-23253</u>		19991001		

L21 ANSWER 31 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:551307 CAPLUS
DN 135:293929
TI A Survey of Structure-Property Relationships of Surfaces that Resist the Adsorption of Protein
AU Ostuni, Emanuele; Chapman, Robert G.; Holmlin, R. Erik; Takayama, Shuichi; Whitesides, George M.
CS Department of Chemistry and Chemical Biology, Harvard University, Cambridge, MA, 02138, USA
SO Langmuir (2001), 17(18), 5605-5620
CODEN: LANGD5; ISSN: 0743-7463
PB American Chemical Society
DT Journal
LA English

RE.CNT 71 THERE ARE 71 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 32 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:397813 CAPLUS
DN 134:374037
TI Hard carrier particles coated with a polymer resin and a conductive material
IN Tyagi, Dinesh; Diprima, Donna A.; Anderson, James H.
PA USA
SO U.S. Pat. Appl. Publ., 10 pp., Cont.-in-part of U.S. Ser. No. 649,384, abandoned.
CODEN: USXXCO

DT Patent
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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<u>PI US 2001002306</u>	A1	20010531	<u>US 1998-96985</u>	<u>19980612</u>
<u>US 6627370</u>	B2	20030930		
<u>PRAI US 1996-649384</u>	B2	19960517		
<u>OS MARPAT 134:374037</u>				

L21 ANSWER 33 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:315674 CAPLUS
DN 134:316095

TI Germicidal composition based on undecylenic acid derivatives
 IN Larios Garcia, Jose
 PA Spain
 SO Span., 11 pp.
 CODEN: SPXXAD
 DT Patent
 LA Spanish
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	ES 2141678	A1	20000316	ES 1998-640	19980325
	ES 2141678	B1	20001101		
PRAI	ES 1998-640		19980325		

L21 ANSWER 34 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:185872 CAPLUS
 DN 134:239963
 TI Water-based oil well drilling fluids containing quaternary ammonium cationic surfactants as thickening and gelation agents
 IN Subramanian, Shankar; Islam, Mojahedul; Burgazli, Cent R.
 PA Crompton Corp., USA
 SO PCT Int. Appl., 39 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

*Applicant
over*

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001018147	A1	20010315	WO 2000-US24142	20000901
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1212385	A1	20020612	EP 2000-959792	20000901
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
PRAI	US 1999-152662P	P	19990907		
	WO 2000-US24142	W	20000901		
OS	MARPAT 134:239963				

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 35 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:124162 CAPLUS
 DN 134:180331
 TI Quaternary ammonium salts useful for softening agents
 IN Ottawa, Yasunori; Kato, Toru; Tomifuji, Takeshi
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 13 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001048851	A2	20010220	JP 1999-224453	19990806
PRAI	JP 1999-224453		19990806		

OS MARPAT 134:180331

L21 ANSWER 36 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
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AN 2000:409001 CAPLUS
 DN 133:45254
 TI Quaternary ammonium compound-based foaming agents
 IN Tetsu, Makio; Terasaki, Hiroyuki; Sakai, Takaya; Kubo, Makoto; Fujii, Akira
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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<u>PI JP 2000169886</u>	A2	20000620	<u>JP 1998-353204</u>	19981211
<u>PRAI JP 1998-353204</u>		19981211		
OS MARPAT 133:45254				

L21 ANSWER 37 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
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AN 2000:344434 CAPLUS
 DN 132:352503
 TI Hair preparations containing biodegradable cationic surfactants
 IN Terasaki, Hiroyuki; Tetsu, Makio; Nakashimada, Atsushi; Kubo, Makoto; Sakai, Takanari; Fujii, Akira
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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<u>PI JP 2000143459</u>	A2	20000523	<u>JP 1998-320374</u>	19981111
<u>PRAI JP 1998-320374</u>		19981111		
OS MARPAT 132:352503				

L21 ANSWER 38 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
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AN 2000:121812 CAPLUS
 DN 132:170846
 TI Shampoos containing arginine salts and cationic surfactants
 IN Shimada, Masahiko; Nakamura, Hiroyuki
 PA Nippon Oil and Fats Co., Ltd., Japan; Ajinomoto Co., Inc.
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	-----	-----	-----	-----
<u>PI JP 2000053540</u>	A2	20000222	<u>JP 1998-220750</u>	19980804
<u>PRAI JP 1998-220750</u>		19980804		
OS MARPAT 132:170846				

L21 ANSWER 39 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
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AN 1999:794201 CAPLUS
 DN 132:40320
 TI Deodorant and/or antiperspirant cosmetic compositions

IN Genova, Calogero; Montesion, Filippo; Bozzeda, Edy; Deiana, Laura
 PA Condea Augusta S.p.A., Italy
 SO U.S., 11 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6001341	A	19991214	US 1997-861084	19970521
PRAI	IT 1996-MI1017			19960521	
OS	MARPAT 132:40320				

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 40 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1999:736449 CAPLUS

DN 131:341779

TI Clear personal care formulations containing quaternary ammonium compounds and other nitrogen-containing compounds

IN Dalrymple, Damon M.; Manning, Monna; Merz, Frank

PA Witco Corp., USA; Witco Surfactants G.m.b.H.

SO PCT Int. Appl., 36 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9958106	A1	19991118	WO 1999-US10405	19990512
	W: CA, ID, JP, KR, SG, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2331668	AA	19991118	CA 1999-2331668	19990512
	EP 1076554	A1	20010221	EP 1999-924193	19990512
	EP 1076554	B1	20041013		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, FI				
	JP 2002514586	T2	20020521	JP 2000-547958	19990512
	US 6329353	B1	20011211	US 1999-438694	19991111
	US 2002064510	A1	20020530	US 2001-1123	20011019
	US 6525034	B2	20030225		
PRAI	US 1998-76655	A	19980512		
	WO 1999-US10405	W	19990512		
	US 1999-438694	A3	19991111		
OS	MARPAT 131:341779				

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FILE LAST UPDATED: 9 Nov 2004 (20041109/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

⇒ d 121 41-60

L21 ANSWER 41 OF 93 CAPLUS COPYRIGHT 2004 ACS on STM

Full Text Citing References

AN 1999:556907 CAPLUS
 DN 131:171914
 TI Aqueous compositions containing peracid precursors stabilized by cationic surfactants and cleaning method with good bleaching effects for removal of molds
 IN Aihara, Noboru; Hanai, Junya; Yamada, Hiroyuki; Tsukuda, Kazunori; Kubo, Makoto
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11236596	A2	19990831	JP 1998-215605	19980730
PRAI	JP 1997-347509		19971217		
QS	MAPPAT 131:171914				

L21 ANSWER 42 OF 93 CAPLUS COPYRIGHT 2004 JGC

Full Text Citing References

AN 1998:771175 CAPLUS
 DN 130:85898
 TI Conditioning shampoos containing anionic and cationic surfactant combinations
 IN Nakamura, Hiroyuki; Shimada, Masahiko; Takeuchi, Kyu; Ujihara, Masaki
 PA Nippon Oil and Fats Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 21 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10316544	A2	19981202	JP 1997-139399	19970514
PRAI	JP 1997-139399		19970514		
QS	MAPPAT 130-85898				

L21 ANSWER 43 OF 93 CARLUS COPYRIGHT 2021-2022

ANSWER 4

AN 1998:706011 CAPLUS
DN 129:320948
TI Body and hair cleansing compositions containing an antifungal and a cationic agent
IN Embrechts, Roger Carolus Augusta; Odds, Frank Christopher; De Doncker, Piet R. G.
PA Janssen Pharmaceutica N.V., Belg.

SO Eur. Pat. Appl., 12 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>EP 872230</u>	A1	19981021	<u>EP 1997-201102</u>	19970414
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	<u>CA 2272366</u>	AA	19981022	<u>CA 1998-2272366</u>	19980407
	<u>AU 9875244</u>	A1	19981111	<u>AU 1998-75244</u>	19980407
	<u>AU 726833</u>	B2	20001123		
	<u>EP 963195</u>	A1	19991215	<u>EP 1998-922695</u>	19980407
	<u>EP 963195</u>	B1	20020717		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO				
	<u>NZ 335700</u>	A	20001222	<u>NZ 1998-335700</u>	19980407
	<u>JP 2001518907</u>	T2	20011016	<u>JP 1998-543481</u>	19980407
	<u>AT 220537</u>	E	20020815	<u>AT 1998-922695</u>	19980407
	<u>ES 2180172</u>	T3	20030201	<u>ES 1998-922695</u>	19980407
	<u>IL 130089</u>	A1	20040104	<u>IL 1998-130089</u>	19980407
	<u>ZA 9803061</u>	A	19991011	<u>ZA 1998-3061</u>	19980409
	<u>NO 9902214</u>	A	19991004	<u>NO 1999-2214</u>	19990506
	<u>US 6207142</u>	B1	20010327	<u>US 1999-403057</u>	19991013
	<u>HK 1023058</u>	A1	20021011	<u>HK 2000-101956</u>	20000330
	<u>US 2001006981</u>	A1	20010705	<u>US 2001-771282</u>	20010126
	<u>US 6514490</u>	B2	20030204		
PRAI	<u>EP 1997-201102</u>	A	19970414		
	<u>WO 1998-EP2144</u>	W	19980407		
	<u>US 1999-403057</u>	A1	19991013		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 44 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1998:635427 CAPLUS
 DN 129:304029
 TI Softeners for fabrics without loss of hygroscopicity of fabrics
 IN Imada, Hiroshi; Imai, Hiroto; Fujiwara, Masami
 PA Lion Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 15 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>JP 10259574</u>	A2	19980929	<u>JP 1997-84531</u>	19970317
PRAI	<u>JP 1997-84531</u>		19970317		
OS	MARPAT 129:304029				

L21 ANSWER 45 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1998:579921 CAPLUS
 DN 129:237730
 TI Process for manufacture of optical recording medium
 IN Kondo, Hiroyumi; Tanaka, Tomiji; Shimata, Junko; Takeuchi, Atsushi
 PA Sony Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>PI</u> <u>JP 10233039</u>	A2	19980902	<u>JP 1997-35268</u>	
<u>PRAI</u> <u>JP 1997-35268</u>		19970219		19970219

L21 ANSWER 46 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1998:204374 CAPLUS
 DN 128:299337
 TI Liquid cleaning compositions
 IN Yasumasu, Tomoko; Nlagashima, Hiromi; Matsuo, Takao; Nakagawa, Ryuichi
 PA Lion Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>PI</u> <u>JP 10081900</u>	A2	19980331	<u>JP 1996-261459</u>	
<u>PRAI</u> <u>JP 1996-204233</u>		19960715		19960910
OS MARPAT 128:299337				

L21 ANSWER 47 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1998:25515 CAPLUS
 DN 128:142396
 TI Liquid detergent compositions with good foaming properties and low temperature stability
 IN Yasumasu, Kazuko; Nakagawa, Ryuichi; Nogashima, Hiromi; Matsuo, Takao; Sakatani, Takenobu
 PA Lion Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>PI</u> <u>JP 10001693</u>	A2	19980106	<u>JP 1996-174269</u>	
<u>PRAI</u> <u>JP 1996-174269</u>		19960613		19960613
OS MARPAT 128:142396				

L21 ANSWER 48 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1998:8727 CAPLUS
 DN 128:89598
 TI Antistatic acrylic resin compositions preventing deterioration of transparency
 IN Nakayama, Yutaka; Kaku, Hideyuki; Hotta, Hiroshi
 PA Daiichi Kogyo Seiyaku Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>PI</u> <u>JP 09328597</u>	A2	19971222	<u>JP 1996-151093</u>	
<u>PRAI</u> <u>JP 1996-151093</u>		19960612		19960612
OS MARPAT 128:89598				

L21 ANSWER 49 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1997:805799 CAPLUS
 DN 128:49535
 TI Highly tintable, abrasion-resistant coating compositions
 IN Ho, Tuan H.; Tilley, Mark G.; Sollberger, Mark S.
 PA SDC Coatings, Inc., USA
 SO PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9745498	A1	19971204	WO 1997-US7852	19970508
	W: AU, CN, IL, JP, KR, NZ, SG, VN RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9728331	A1	19980105	AU 1997-28331	19970508
PRAI	ZA 9704475	A	19971229	ZA 1997-4475	19970522
	US 1996-654567	A	19960529		
	WO 1997-US7852	W	19970508		
OS	MARPAT 128:49535				

L21 ANSWER 50 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1997:754505 CAPLUS
 DN 128:63235
 TI Liquid detergent compositions with good stability at low temperature and good foamability
 IN Yasumasa, Tomoko; Nakagawa, Ryuichi; Nagashima, Hiromi; Matsuo, Takao; Sakatani, Takenobu
 PA Lion Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09302382	A2	19971125	JP 1996-139469	19960509
PRAI	JP 1996-139469		19960509		
OS	MARPAT 128:63235				

L21 ANSWER 51 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1997:650848 CAPLUS
 DN 127:333128
 TI Laundry detergent compositions showing fabric-softening effects without yellowing of fabrics
 IN Tamura, Masaru; Ono, Masako; Watanabe, Toshiyuki
 PA Lion Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09255988	A2	19970930	JP 1996-93643	19960322
PRAI	JP 1996-93643		19960322		
OS	MARPAT 127:333128				

L21 ANSWER 52 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1997:335109 CAPLUS
 DN 126:306560
 TI Liquid laundry detergents containing selected alkylamidoalkyl quaternary ammonium compounds
 IN Randall, Sherri L.; Sivik, Mark R.; Hartman, Frederick Anthony
 PA Procter & Gamble Company, USA
 SO PCT Int. Appl., 19 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9712020	A1	19970403	WO 1996-US15578	19960927
	W: BR, CA, CN, JP, MX, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2233332	AA	19970403	CA 1996-2233332	19960927
	CA 2233332	C	20020101		
	EP 876453	A1	19981111	EP 1996-936038	19960927
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	BR 9610672	A	19990706	BR 1996-10672	19960927
	JP 11512769	T2	19991102	JP 1996-513712	19960927
PRAI	US 1995-4546P	P	19950929		
	WO 1996-US15578	W	19960927		
OS	MARPAT 126:306560				

L21 ANSWER 53 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1996:128502 CAPLUS
 DN 124:246408
 TI Positively charging electrostatographic liquid developer and image formation using it
 IN Matsuoka, Hirotaka; Kobayashi, Takako; Hashimoto, Takeshi
 PA Fuji Xerox Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 18 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07325434	A2	19951212	JP 1994-137823	19940530
	JP 3575061	B2	20041006		
	US 5622804	A	19970422	US 1995-421871	19950414
	US 5723250	A	19980303	US 1997-778360	19970102
PRAI	JP 1994-137822	A	19940530		
	JP 1994-137823	A	19940530		
	US 1995-421871	A3	19950414		
OS	MARPAT 124:246408				

L21 ANSWER 54 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1995:995707 CAPLUS
 DN 124:90275
 TI Production of copper phthalocyanine and its use in inks
 IN Hikosaka, Michichika; Coispeau, Gerard
 PA Toyo Ink Manufacturing Co., Ltd., Japan; Francolor Pigments S.A.
 SO Eur. Pat. Appl., 7 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI	<u>EP 679694</u>	A2	19951102	<u>EP 1995-302941</u>	19950428
	<u>EP 679694</u>	A3	19971119		
	<u>EP 679694</u>	B1	20010905		
	R: CH, DE, FR, GB, IT, LI				
	<u>JP 08034930</u>	A2	19960206	<u>JP 1994-113927</u>	19940428
	<u>JP 3071634</u>	B2	20000731		
PRAI	<u>JP 1994-113927</u>	A	19940428		
OS	CASREACT 124:90275				

L21 ANSWER 55 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1995:769568 CAPLUS
 DN 124:37325
 TI Chemistry and application of undecylenic acid and derivatives thereof for cosmetics
 AU Domsch, Andreas
 CS REWO Chem. Werke G.m.b.H., Steinau, D-36392, Germany
 SO SOFW Journal (1994), 120(6), 322-3, 326-9
 CODEN: SOFJEE; ISSN: 0942-7694
 PB Verlag fuer Chemische Industrie H. Ziolkowsky
 DT Journal
 LA English

L21 ANSWER 56 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1995:746245 CAPLUS
 DN 123:129603
 TI Making bubble- and foreign particle-free electrically conductive polyurethane elastomers
 IN Schlueter, Edward L., Jr.; Smith, James F.
 PA Xerox Corp., USA
 SO Eur. Pat. Appl., 12 pp
 CODEN: EPXXDW
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>EP 657896</u>	A1	19950614	<u>EP 1994-119621</u>	19941212
	<u>EP 657896</u>	B1	20030326		
	R: DE, FR, GB				
	<u>US 5454980</u>	A	19951003	<u>US 1993-165792</u>	19931213
	<u>JP 07238219</u>	A2	19950912	<u>JP 1994-304691</u>	19941208
PRAI	<u>US 1993-165792</u>	A	19931213		

L21 ANSWER 57 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1995:687188 CAPLUS
 DN 123:146572
 TI Poly(vinyl alcohol) fibers for industrial materials and their manufacture
 IN Sano, Hirofumi; Yoshimochi, Toshimi; Kobayashi, Satoru; Sano, Tomoyuki
 PA Kuraray Co, Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>JP 07102414</u>	A2	19950418	<u>JP 1993-248241</u>	19931004
PRAI	<u>JP 1993-248241</u>		19931004		

L21 ANSWER 58 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1995:339583 CAPLUS
 DN 122:293312
 TI Fatigue-resistant poly(vinyl alcohol)-type fibers and manufacture
 IN Sano, Hiromu; Yoshimochi, Toshimi; Sato, Masahiro; Sano, Tomoyuki
 PA Kuraray Co, Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>JP 06299408</u>	A2	19941025	<u>JP 1993-84645</u>	19930412
	<u>JP 3183483</u>	B2	20010709		
PRAI	<u>JP 1993-84645</u>		19930412		

L21 ANSWER 59 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1994:541232 CAPLUS
 DN 121:141232
 TI Protective medical glove and antibacterial/antiperspirant composition for
 reducing bacterial growth during use of medical gloves
 IN Buchanan, Jonnie; Dees, Harry C., Jr.
 PA Buchanan, Inc., USA
 SO PCT Int. Appl., 34 pp.
 CODEN: PIXXD2

DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>WO 9412115</u>	A1	19940609	<u>WO 1993-US11317</u>	19931122
	W: CA, US				
PRAI	<u>US 1992-984178</u>	A	19921120		

L21 ANSWER 60 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1994:19240 CAPLUS
 DN 120:19240
 TI Manufacture of positively charging electrophotographic toners
 IN Tsujihiro, Masaki
 PA Mita Industrial Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>JP 05134458</u>	A2	19930528	<u>JP 1991-300664</u>	19911115
PRAI	<u>JP 1991-300664</u>		19911115		

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L21 ANSWER 61 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1993:472255 CAPLUS
 DN 119:72255
 TI Preparation of alkanamidoammonium compounds as hair growers
 IN Yokomori, Sadakazu; Takahashi, Yuki; Misawa, Yoko; Matsumoto, Taro;
 Hatayama, Katsuo

PA Taisho Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 35 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>WO 9303005</u>	A1	19930218	<u>WO 1992-JP1014</u>	19920807
	W: AU, CA, JP, KR, US			JP 1991-287374	19910810
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE			AU 1992-24027	19920807
	<u>JP 05043529</u>	A2	19930223		
	<u>AU 9224027</u>	A1	19930302		
	<u>AU 656625</u>	B2	19950209		
	<u>CN 1082534</u>	A	19940223	<u>CN 1993-101376</u>	19930210
PRAI	<u>JP 1991-287374</u>		19910810		
	<u>WO 1992-JP1014</u>		19920807		
OS	MARPAT 119:72255				

L21 ANSWER 62 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1993:175894 CAPLUS
 DN 118:175894
 TI Preparation of quaternary ammonium iodides as disinfectants for hospitals
 IN Garcia Nunez, Maria Rosalia
 PA Spain
 SO PCT Int. Appl., 33 pp.
 CODEN: PIXXD2
 DT Patent
 LA Spanish
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>WO 9300813</u>	A1	19930121	<u>WO 1992-ES51</u>	19920703
	W: JP, RU				
	<u>ES 2037592</u>	A1	19930616	<u>ES 1991-1563</u>	19910703
	<u>ES 2037592</u>	B1	19940201		
	<u>AU 9219401</u>	A1	19930311	<u>AU 1992-19401</u>	19920702
	<u>AU 650350</u>	B2	19940616		
	<u>EP 534887</u>	A1	19930331	<u>EP 1992-500084</u>	19920702
	<u>EP 534887</u>	B1	19961009		
	R: AT, BE, CH, DE, DK, FR, GB, GR, IT, LI, LU, MC, NL, PT, SE				
	<u>AT 143766</u>	E	19961015	<u>AT 1992-500084</u>	19920702
	<u>CA 2073094</u>	AA	19930104	<u>CA 1992-2073094</u>	19920703
	<u>CA 2073094</u>	C	20020528		
	<u>CN 1070083</u>	A	19930324	<u>CN 1992-109200</u>	19920703
	<u>CN 1045362</u>	B	19991006		
	<u>ZA 9204979</u>	A	19930428	<u>ZA 1992-4979</u>	19920703
	<u>JP 06501495</u>	T2	19940217	<u>JP 1993-501986</u>	19920703
	<u>JP 3167724</u>	B2	20010521		
	<u>IN 178387</u>	A	19970419	<u>IN 1992-DE581</u>	19920703
	<u>IL 102400</u>	A1	19980310	<u>IL 1992-102400</u>	19920703
	<u>RU 2128521</u>	C1	19990410	<u>RU 1993-5225</u>	19930302
PRAI	<u>ES 1991-1563</u>	U	19910703		
	<u>WO 1992-ES51</u>	W	19920703		
OS	MARPAT 118:175894				

L21 ANSWER 63 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1993:131746 CAPLUS
 DN 118:131746
 TI Shampoos containing cationic and anionic surfactants to impart improved hair conditioning properties
 IN Duffy, Michele; Bergmann, Wolfgang

PA Curtis, Helene, Inc., USA
 SO Eur. Pat. Appl., 42 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>EP 511652</u>	A1	19921104	<u>EP 1992-107311</u>	19920429
	<u>EP 511652</u>	B1	19951129		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE					
	CA 2066885	AA	19921030	<u>CA 1992-2066885</u>	19920423
	CA 2066885	C	20020723		
	IL 101682	A1	19961205	<u>IL 1992-101682</u>	19920423
	NO 9201640	A	19921030	<u>NO 1992-1640</u>	19920428
	AU 9215224	A1	19921105	<u>AU 1992-15224</u>	19920428
	AU 653216	B2	19940922		
	ZA 9203084	A	19930127	<u>ZA 1992-3084</u>	19920428
	AT 130751	E	19951215	<u>AT 1992-107311</u>	19920429
	ES 2080369	T3	19960201	<u>ES 1992-107311</u>	19920429
	JP 06107525	A2	19940419	<u>JP 1992-155568</u>	19920430
PRAI	<u>US 1991-692709</u>	A	19910429		
OS	MARPAT 118:131746				

L21 ANSWER 64 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text
 Citing References

AN 1992:108256 CAPLUS
 DN 116:108256
 TI Hydrophilic softening agents for textiles
 IN Singer, Heinrich; Koeppel, Gabriele
 PA Ciba-Geigy Corp., USA
 SO U.S., 5 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>US 5019281</u>	A	19910528	<u>US 1989-450134</u>	19891212
PRAI	<u>US 1989-450134</u>		19891212		
OS	MARPAT 116:108256				

L21 ANSWER 65 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text
 Citing References

AN 1991:83993 CAPLUS
 DN 114:83993
 TI Quaternary ammonium salt-containing coatings for antistatic surfaces
 IN Ko, Kenneth Koon Ying; Miller, Jesse Delbert; Shelly, Wayne Raymond; Von Stetten, Susan Marie
 PA Armstrong World Industries, Inc., USA
 SO Brit. UK Pat. Appl., 35 pp.
 CODEN: BAXXDU
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>GB 2227491</u>	A1	19900801	<u>GB 1990-1732</u>	19900125
	<u>GB 2227491</u>	B2	19930106		
	<u>US 4944998</u>	A	19900731	<u>US 1989-301595</u>	19890126
	<u>US 5091452</u>	A	19920225	<u>US 1989-303256</u>	19890130
	<u>CA 1339327</u>	A1	19970819	<u>CA 1989-608951</u>	19890822
	<u>JP 02202932</u>	A2	19900813	<u>JP 1989-266410</u>	19891016
	<u>JP 02207492</u>	A2	19900817	<u>JP 1989-266409</u>	19891016

AU 9048819	A1	19900802	AU 1990-48819	19900125
AU 618165	B2	19911212		
GB 2229444	A1	19900926	GB 1990-1730	19900125
GB 2229444	B2	19921021		
AU 9048884	A1	19900802	AU 1990-48884	19900129
AU 630146	B2	19921022		
PRAI US 1989-301595		19890126		
US 1989-303256		19890130		
US 1987-78899		19870729		

L21 ANSWER 66 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1990:204451 CAPLUS
 DN 112:204451
 TI Quaternary ammonium compounds as humectants in cosmetics
 IN Coupland, Keith; Smith, Peter John
 PA Croda International PLC, UK
 SO Eur. Pat. Appl., 11 pp.
 CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 327379	A2	19890809	EP 1989-301059	19890203
	EP 327379	A3	19910109		
	R: BE, DE, FR, GB, IT, NL, SE				
PRAI	DK 8900501	A	19890807	DK 1989-501	19890203
OS	GB 1988-2646		19880205		
OS	MARPAT 112:204451				

L21 ANSWER 67 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1990:22641 CAPLUS
 DN 112:22641
 TI Heat-sensitive starch compositions
 IN Fonyodi, Ferenc; Nagy Zambo, Imre; Pinter, Janos; Sumegi, Mihaly; Horvath, Laszlo, Mrs.; Kuminka, Jozsef; Tota, Sandor; Joanelli, Tibor; Merkl, Laszlo
 PA Hung.
 SO Hung. Teljes, 6 pp.
 CODEN: HUXXBU

DT Patent

LA Hungarian

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	HU 47960	A2	19890428	HU 1987-4062	19870914
PRAI	HU 1987-4062		19870914		

L21 ANSWER 68 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1987:594479 CAPLUS
 DN 107:194479
 TI Bolaamphiphiles with mannose- and tetraalkylammonium head groups as coatings for nucleic acids and possible reagents for transfections
 AU Fuhrhop, Juergen Hinrich; Tank, Holger
 CS Inst. Org. Chem., Freie Univ. Berlin, Berlin, D-1000/33, Fed. Rep. Ger.
 SO Chemistry and Physics of Lipids (1987), 43(3), 193-213
 CODEN: CPLIA4; ISSN: 0009-3084
 DT Journal
 LA English
 OS CASREACT 107:194479

L21 ANSWER 69 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
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AN 1986:596976 CAPLUS
 DN 105:196976
 TI Hair preparations containing ionic polymers and carboxylic acid salts
 IN Hoeffkes, Horst; Seidel, Kurt; Giede, Karl; Struve, Alfred; Gruber, Bert
 PA Henkel K.-G.a.A., Fed. Rep. Ger.
 SO Ger. Offen., 19 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>DE 3503618</u>	A1	19860807	<u>DE 1985-3503618</u>	19850202
	<u>DK 8600336</u>	A	19860803	<u>DK 1986-336</u>	19860122
	<u>EP 195895</u>	A2	19861001	<u>EP 1986-100998</u>	19860125
	<u>EP 195895</u>	A3	19880727		
	<u>EP 195895</u>	B1	19920819		
R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE					
	<u>AT 79533</u>	E	19920915	<u>AT 1986-100998</u>	19860125
	<u>CA 1272960</u>	A1	19900821	<u>CA 1986-500443</u>	19860127
	<u>FI 8600462</u>	A	19860803	<u>FI 1986-462</u>	19860131
	<u>FI 83160</u>	B	19910228		
	<u>FI 83160</u>	C	19910610		
	<u>NO 8600341</u>	A	19860804	<u>NO 1986-341</u>	19860131
	<u>NO 170515</u>	B	19920720		
	<u>NO 170515</u>	C	19921028		
	<u>JP 61183211</u>	A2	19860815	<u>JP 1986-18267</u>	19860131
	<u>US 4898725</u>	A	19900206	<u>US 1988-248344</u>	19880920
PRAI	<u>DE 1985-3503618</u>		19850202		
	<u>US 1986-822368</u>		19860124		
	<u>EP 1986-100998</u>		19860125		

L21 ANSWER 70 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
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AN 1986:5573 CAPLUS
 DN 104:5573
 TI Antimicrobial preservation agent and disinfectant
 IN Kreiner, Christine F.; Polzhofer, Kurt; Loebering, Hans Georg
 PA Thilo, Dr., und Co. G.m.b.H., Fed. Rep. Ger.
 SO Ger. Offen., 14 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>DE 3339196</u>	A1	19850509	<u>DE 1983-3339196</u>	19831028
	<u>PRAI DE 1983-3339196</u>		19831028		
OS	CASREACT 104:5573				

L21 ANSWER 71 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
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AN 1984:553429 CAPLUS
 DN 101:153429
 TI Lubricant finishes for polyester fibers for spindle-spun yarns
 PA Teijin Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 59066575	A2	19840416	JP 1982-174445	19821006
PRAI	JP 1982-174445		19821006		

L21 ANSWER 72 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1983:159921 CAPLUS
 DN 98:159921
 TI Effects of cationic micelles on the rate of reaction of p-nitrophenyl esters with dihydrolipoic acid and dihydrolipoylamido derivatives
 AU Fornasier, Roberto; Tonellato, Umberto
 CS Ist. Chim. Org., Univ. Padova, Padua, Italy
 SO Bioorganic Chemistry (1982), 11(4), 428-35
 CODEN: BOCMBM; ISSN: 0045-2068
 DT Journal
 LA English

L21 ANSWER 73 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1980:23544 CAPLUS
 DN 92:23544
 TI Halogen-containing resins with improved antistatic properties
 IN Inomata, Nisuke; Tanaka, Yoshitaka; Osada, Minoru
 PA Kyodo Chemical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 54091549	A2	19790720	JP 1977-158134	19771229
PRAI	JP 1977-158134		19771229		

L21 ANSWER 74 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1977:405454 CAPLUS
 DN 87:5454
 TI Antiviral chemotherapy. XIX. Adamantane derivatives and analogs
 AU Rubessa, F.; Runti, C.; Ulian, F.; Vio, L.; Zonta, F.
 CS Ist. Chim. Farm., Univ. Trieste, Trieste, Italy
 SO Farmaco, Edizione Scientifica (1977), 32(2), 129-40
 CODEN: FRPSAX; ISSN: 0430-0920
 DT Journal
 LA Italian
 OS CASREACT 87:5454

L21 ANSWER 75 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1974:464502 CAPLUS
 DN 81:64502
 TI New antistatic methods for plastics. 2
 AU Kabuki, Kimiaki
 CS Tokyo Shibaura Electr. Co., Tokyo, Japan
 SO Kobunshi Kako (1973), 22(11), 698-710
 CODEN: KOKABN; ISSN: 0023-2564
 DT Journal
 LA Japanese

L21 ANSWER 76 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1974:450439 CAPLUS

DN 81:50439
 TI New antistatic method for plastics. 4
 AU Kabuki, Kimiaki
 CS Tokyo Shibaura Electr. Co., Ltd., Tokyo, Japan
 SO Kobunshi Kako (1974), 23(1), 49-64
 CODEN: KOKABN; ISSN: 0023-2564
 DT Journal
 LA Japanese

L21 ANSWER 77 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1974:122588 CAPLUS
 DN 80:122588
 TI Ink compositions
 IN Miyata, Fumio
 PA Sakura Color Products Corp.
 SO Ger. Offen., 46 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>DE 2317816</u>	A1	19731018	<u>DE 1973-2317816</u>	19730409
	<u>DE 2317816</u>	B2	19770421		
	<u>DE 2317816</u>	C3	19771215		
	<u>JP 48101222</u>	A2	19731220	<u>JP 1972-36282</u>	19720410
	<u>JP 51039575</u>	B4	19761028		
	<u>US 3945836</u>	A	19760323	<u>US 1973-348050</u>	19730405
	<u>GB 1430412</u>	A	19760331	<u>GB 1973-16552</u>	19730406
	<u>FR 2179953</u>	A1	19731123	<u>FR 1973-12954</u>	19730410
	<u>PRAI JP 1972-36282</u>		19720410		

L21 ANSWER 78 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1973:99489 CAPLUS
 DN 78:99489
 TI Detergent bars
 PA Unilever N. V.
 SO Fr., 28 pp.
 CODEN: FRXXAK
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>FR 2113017</u>		19720528		
	<u>CA 947612</u>			CA	
	<u>DE 2151459</u>			DE	
	<u>GB 1370284</u>			GB	
	<u>NL 7114258</u>			NL	
	<u>ZA 7106797</u>		19710000	ZA	
<u>PRAI GB 1970-49320</u>		19701016			

L21 ANSWER 79 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1971:449023 CAPLUS
 DN 75:49023
 TI Quaternary ammonium salts of tertiary aminoalkyl amides
 AU Mod, Robert R.; Magne, Frank C.; Skau, Evald L.; Sumrell, Gene
 CS South. Reg. Res. Lab., Agric. Res. Serv., New Orleans, LA, USA
 SO Journal of Medicinal Chemistry (1971), 14(6), 558-60
 CODEN: JMCMAR; ISSN: 0022-2623
 DT Journal

<u>NEWS 1</u>	Web Page URLs for STN Seminar Schedule - N. America	
<u>NEWS 2</u>	"Ask CAS" for self-help around the clock	
<u>NEWS 3</u>	JUL 12 BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS	
<u>NEWS 4</u>	AUG 02	IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
<u>NEWS 5</u>	AUG 02	CAPLUS and CA patent records enhanced with European and Japan Patent Office Classifications
<u>NEWS 6</u>	AUG 02	The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
<u>NEWS 7</u>	AUG 27	BIOCOMMERCE: Changes and enhancements to content coverage
<u>NEWS 8</u>	AUG 27	BIOTECHABS/BIOTECHDHS: Two new display fields added for legal status data from INPADOC
<u>NEWS 9</u>	SEP 01	INPADOC: New family current-awareness alert (SDI) available
<u>NEWS 10</u>	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
<u>NEWS 11</u>	SEP 01	New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
<u>NEWS 12</u>	SEP 27	STANDARDS will no longer be available on STN
<u>NEWS 13</u>	SEP 27	SWETSCAN will no longer be available on STN
<u>NEWS 14</u>	OCT 28	KOREAPAT now available on STN
<u>NEWS EXPRESS</u>	OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004	
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<u>NEWS INTER</u>	General Internet Information	
<u>NEWS LOGIN</u>	Welcome Banner and News Items	
<u>NEWS PHONE</u>	Direct Dial and Telecommunication Network Access to STN	
<u>NEWS WWW</u>	CAS World Wide Web Site (general information)	

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DICTIONARY FILE UPDATES: 8 NOV 2004 HIGHEST RN 777024-10-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 31, 2004

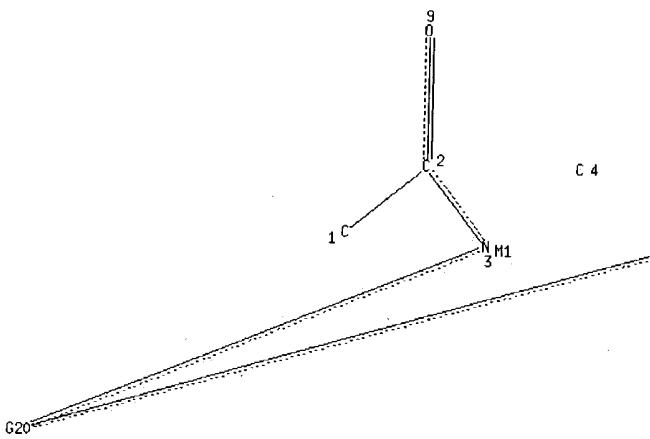
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

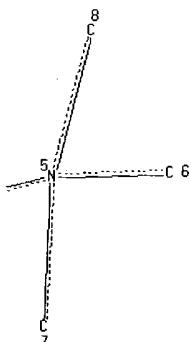
Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

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L1 STRUCTURE UPLOADED

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Page 2-A

REP G20=(1-6) 4-3 4-5

NODE ATTRIBUTES:

HCOUNT IS M1 AT 3
NSPEC IS C AT 1
NSPEC IS C AT 2
NSPEC IS C AT 3
NSPEC IS C AT 4
NSPEC IS C AT 5
NSPEC IS C AT 6
NSPEC IS C AT 7
NSPEC IS C AT 8
NSPEC IS C AT 9
NSPEC IS C AT 10
DEFAULT MLEVEL IS ATOM
MLEVEL IS CLASS AT 1 2 3 4 5 6 7 8 9
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE

=> s 11

SAMPLE SEARCH INITIATED 09:48:10 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 739 TO ITERATE

100.0% PROCESSED 739 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

50 ANSWERS

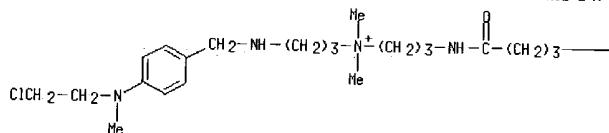
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 13150 TO 16410
PROJECTED ANSWERS: 6081 TO 8359

L2 50 SEA SSS SAM L1

=> d 12 40-50

L2 ANSWER 40 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 731858-32-5 REGISTRY
CN 1-Propanaminium, 3-[(4-carboxy-1-oxobutyl)amino]-N-[3-[[4-[(2-chloroethyl)methylamino]phenyl]methyl]amino]propyl]-N,N-dimethyl-, inner salt (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H39 Cl N4 O3
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: ANST (Analytical study); USES (Uses)

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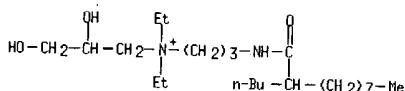


PAGE 1-B

-CO2-

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 41 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 730931-98-3 REGISTRY
CN 1-Propanaminium, N-[3-[(2-butyl-1-oxodecyl)amino]propyl]-N,N-diethyl-2,3-dihydroxy- (9CI) (CA INDEX NAME)
MF C24 H51 N2 O3
CI COM
SR CA



L2 ANSWER 42 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 724462-40-2 REGISTRY
CN 3-Oxa-5,9,15-triazaheptadecan-17-aminium, N-[2,3-

bis[(12,12,13,13,14,14,15,15,15,15-nonafluoropentadecyl)oxy]propyl]-9-[(1,1-dimethylethoxy)carbonyl]-13-[(1,1-dimethylethoxy)carbonyl]3-[(1,1-dimethylethoxy)carbonyl]aminopropyl]amino]-N,N,2,2-tetramethyl-4,14-dioxo-

MF C68 H117 F18 N6 O11 . H O

SR CA

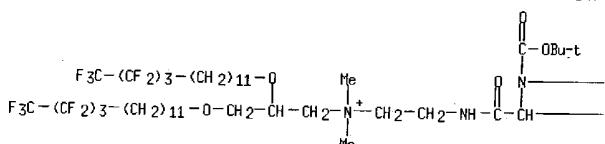
LC STN Files: CA, CAPLUS

DT CA Cplus document type: Journal

RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

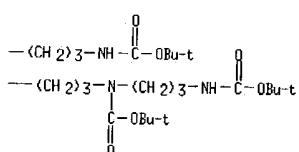
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PAGE 1-B



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 43 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 724416-52-8 REGISTRY

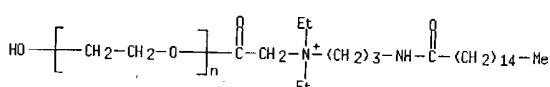
CN Poly(oxy-1,2-ethanediyl), α -[[diethyl[3-[(1-oxohexadecyl)amino]propyl]ammonio]acetyl]- ω -hydroxy- (9CI) (CA INDEX NAME)

MF (C2 H4 O)n C25 H51 N2 O3

CI PMS, COM

PCT Polyether

SR CA



L2 ANSWER 44 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 721386-88-5 REGISTRY

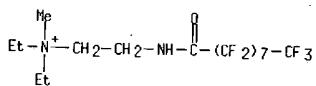
CN Ethanaminium, N,N-diethyl-2-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-1-oxononyl)amino]-N-methyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C16 H18 F17 N2 O

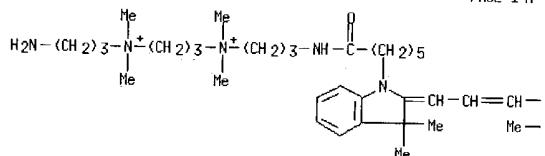
CI COM

SR CA

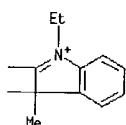


L2 ANSWER 45 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 719266-88-3 REGISTRY
 CN 3H-Indolium, 2-[3-[1-[6-[[3-[(3-aminopropyl)dimethylammonio]propyl]dimethylammonio]propyl]amino]-6-oxohexyl]-1,3-dihydro-3,3-dimethyl-2H-indol-2-ylidene]-1-propenyl]-1-ethyl-3,3-dimethyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C44 H71 N6 O
 CI COM
 SR CA

PAGE 1-A

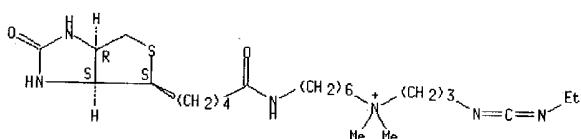


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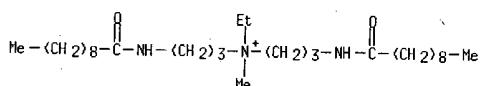


L2 ANSWER 46 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 706753-21-1 REGISTRY
 CN 1-Hexanaminium, N-[3-[(ethylcarbonimidoyl)amino]propyl]-6-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]-N,N-dimethyl- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C24 H45 N6 O2 S
 CI COM
 SR CA

Absolute stereochemistry.



L2 ANSWER 47 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 705925-15-1 REGISTRY
 CN 1-Propanaminium, N-ethyl-N-methyl-3-[(1-oxodecyl)amino]-N-[3-[(1-oxodecyl)amino]propyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C29 H60 N3 O2
 CI COM
 SR CA



L2 ANSWER 48 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 704863-17-2 REGISTRY
 CN Ethanaminium, 2,2'-(1,2-dioxo-1,2-ethanediyl)diiminobis[N,N,N-triethyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD

LA English

L21 ANSWER 80 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

 Full Text Citing References

AN 1970:33207 CAPLUS
 DN 72:33207
 TI Textile auxiliary agents with germicidal action
 IN Sato, Toshio; Katsumi, Mamoru
 PA Kao Soap Co., Ltd.
 SO Ger. Offen., 20 pp.
 CODEN: GWXXBX

DT Patent
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1812071 FR 1596174		19691204		
PRAI	JP			FR	
			19680525		

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L21 ANSWER 81 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

 Full Text Citing References

AN 1969:48187 CAPLUS
 DN 70:48187
 TI Antistatic articles of synthetic resin
 PA Tokyo Shibaura Electric Co., Ltd.
 SO Brit., 7 pp.
 CODEN: BRXXAA

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1139226		19690108		
PRAI	JP		19651104		

L21 ANSWER 82 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

 Full Text Citing References

AN 1969:12844 CAPLUS
 DN 70:12844
 TI Fatty amidoamine derivatives: N,N-dimethyl-N-(3-alkylamidopropyl)amines and their salts
 AU Muzyczko, T. M.; Shore, S.; Loboda, J. A.
 CS Richardson Co., Melrose Park, IL, USA
 SO Journal of the American Oil Chemists' Society (1968), 45(11), 720-5
 CODEN: JAOCAT; ISSN: 0003-021X
 DT Journal
 LA English

L21 ANSWER 83 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

 Full Text Citing References

AN 1969:4951 CAPLUS
 DN 70:4951
 TI Antistatic poly(vinyl chloride) composition
 IN Adams, Thomas J.
 PA American Cyanamid Co.
 SO U.S., 2 pp.
 CODEN: USXXAM
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3404138	A	19681001	US 1963-326344	19631127
PRAI	US 1963-326344		19631127		

L21 ANSWER 84 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1967:517720 CAPLUS
 DN 67:117720
 TI Poly(vinyl chloride) sheet surgical drapes resistant to build up of electrostatic charges
 PA Johnson and Johnson
 SO Brit., 3 pp.
 CODEN: BRXXAA
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1085476		19671004		
	DE 1694429			DE	
PRAI	US		19650909		

L21 ANSWER 85 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1967:66194 CAPLUS
 DN 66:66194
 TI Foamable polystyrene compositions
 PA Badische Anilin- & Soda-Fabrik AG
 SO Neth. Appl., 8 pp.
 CODEN: NAXXAN
 DT Patent
 LA Dutch

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	NL 6605913		19661108	NL	
	FR 1478998			FR	
PRAI	DE		19650507		

L21 ANSWER 86 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1966:418149 CAPLUS
 DN 65:18149
 OREF 65:3346b-d
 TI Effect of surface-active compounds and of some cations on the electroreduction of nitrobenzene on drop and stationary mercury electrodes
 AU Jakuszewski, Bogdan; Fleszar, Boleslaw
 CS Univ. Lodz, Pol.
 SO Roczniki Chemii (1966), 40(4), 695-7
 CODEN: ROCHAC; ISSN: 0035-7677
 DT Journal
 LA Polish

L21 ANSWER 87 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1963:66529 CAPLUS
 DN 58:66529
 OREF 58:11375b-h,11376a-h,11377a-h,11378a-e
 TI Photographic light-sensitive silver halide-polyvinyl alcohol emulsions
 IN Sprung, Joseph A.
 PA General Aniline & Film Corp.

SO 44 pp.
 DT Patent
 LA Unavailable

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1139738		19621115	DE	
	GB 912266			GB	
	US 3113026		1963	US	
PRAI	US		19590119		

L21 ANSWER 88 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1963:47270 CAPLUS
 DN 58:47270
 OREF 58:8085h,8086a-b
 TI Improving the dyeability of acrylonitrile polymers
 IN Kruckenberg, Winfried; Dinges, Karl; Froitzheim, Hans
 PA Farbenfabriken Bayer A.-G.
 SO 12 pp.
 DT Patent
 LA Unavailable

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 619856		19621031	BE	
PRAI	DE		19610707		

L21 ANSWER 89 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1956:22223 CAPLUS
 DN 50:22223
 OREF 50:4526a-c
 TI Controlling the migration of metalized dyes between dye bath and fabric
 IN Mooradian, Shannon; Millson, Henry E.
 PA American Cyanamid Co.
 DT Patent
 LA Unavailable
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2723178		19551108	US	

L21 ANSWER 90 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1955:12169 CAPLUS
 DN 49:12169
 OREF 49:2491d-h
 TI Substituted dicarboxylic acid amides
 PA Burroughs Wellcome & Co. (U.S.A.) Inc.; Wellcome Foundation Ltd.
 DT Patent
 LA Unavailable
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 701209		19531223	GB	

L21 ANSWER 91 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1955:1487 CAPLUS
 DN 49:1487
 OREF 49:385g-i,386a-d
 TI Curarizing composition
 IN Castillo, Julio C.; Phillips, Arthur P.
 PA Burroughs Wellcome & Co. (U.S.A.) Inc.

DT Patent
 LA Unavailable
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2653898		19530929	US	

L21 ANSWER 92 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1953:43301 CAPLUS
 DN 47:43301
 OREF 47:7256f-i
 TI Antistatic treatment of resins
 IN Carnes, Joseph J.
 PA American Cyanamid Co.
 DT Patent
 LA Unavailable

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2626876		19530127	US	

L21 ANSWER 93 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1953:3155 CAPLUS
 DN 47:3155
 OREF 47:495b-e
 TI Dicarboxylic acid bis- β -tertiaryaminoalkyl amides and their quaternary ammonium salts as curare substitutes. II
 AU Phillips, Arthur P.
 CS Wellcome Research Labs., Tuckahoe, NY
 SO Journal of the American Chemical Society (1951), 73, 5822-4
 CODEN: JACSAT; ISSN: 0002-7863
 DT Journal
 LA Unavailable

=>

DT Patent
 LA Unavailable
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2653898		19530929	US	

L21 ANSWER 92 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1953:43301 CAPLUS
 DN 47:43301
 OREF 47:7256f-i
 TI Antistatic treatment of resins
 IN Carnes, Joseph J.
 PA American Cyanamid Co.
 DT Patent
 LA Unavailable

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2626876		19530127	US	

L21 ANSWER 93 OF 93 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 1953:3155 CAPLUS
 DN 47:3155
 OREF 47:495b-e
 TI Dicarboxylic acid bis- β -tertiaryaminoalkyl amides and their quaternary ammonium salts as curare substitutes. II
 AU Phillips, Arthur P.
 CS Wellcome Research Labs., Tuckahoe, NY
 SO Journal of the American Chemical Society (1951), 73, 5822-4
 CODEN: JACSAT; ISSN: 0002-7863
 DT Journal
 LA Unavailable

=> s 115 and fracturing fluid

212 L15
 6583 FRACTURING
 362817 FLUID
 680 FRACTURING FLUID
 (FRACTURING(W) FLUID)

L22 0 L15 AND FRACTURING FLUID

=> s 115 and drilling fluid

212 L15
 28007 DRILLING
 362817 FLUID
 5852 DRILLING FLUID
 (DRILLING(W) FLUID)

L23 1 L15 AND DRILLING FLUID

=> d 123

L23 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

AN 2001:185872 CAPLUS
 DN 134:239963
 TI Water-based oil well drilling fluids containing quaternary ammonium cationic surfactants as thickening and gelation agents
 IN Subramanian, Shankar; Islam, Mojahedul; Burgazli, Cent R.
 PA Crompton Corp., USA

SO PCT Int. Appl., 39 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

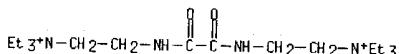
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>WO 2001018147</u>	A1	20010315	<u>WO 2000-US24142</u>	20000901
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	<u>EP 1212385</u>	A1	20020612	<u>EP 2000-959792</u>	20000901
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
PRAI	<u>US 1999-152662P</u>	P	19990907		
	<u>WO 2000-US24142</u>	W	20000901		

OS MARPAT 134:239963

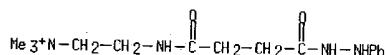
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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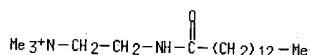
MF C18 H40 N4 O2
 CI COM
 SR CA



L2 ANSWER 49 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 693209-70-0 REGISTRY
 CN Ethanaminium, 2-[[1,4-dioxo-4-(2-phenylhydrazino)butyl]amino]-N,N,N-trimethyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C15 H25 N4 O2
 CI COM
 SR CA

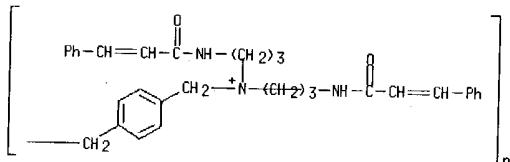


L2 ANSWER 50 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 690625-43-5 REGISTRY
 CN Ethanaminium, N,N,N-trimethyl-2-[(1-oxotetradecyl)amino]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H41 N2 O
 CI COM
 SR CA

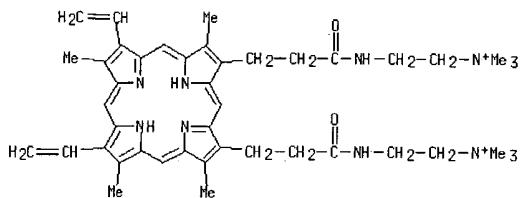


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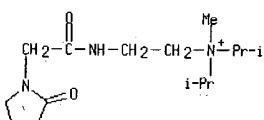
L2 ANSWER 30 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 747378-94-5 REGISTRY
 CN Poly[[bis[3-[(1-oxo-3-phenyl-2-propenyl)amino]propyl]iminio]methylene-1,4-phenylenemethylene] (9CI) (CA INDEX NAME)
 MF (C32 H36 N3 O2)n
 CI PMS, COM
 PCT Polyonene
 SR CA



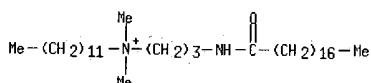
L2 ANSWER 31 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 747371-35-3 REGISTRY
 CN Ethanaminium, 2,2'-[(7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-diyl)bis[(1-oxo-3,1-propanediyl)imino]]bis[N,N,N-trimethyl- (9CI) (CA INDEX NAME)
 MF C44 H60 N8 O2
 CI COM
 SR CA



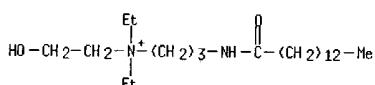
L2 ANSWER 32 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 746559-42-2 REGISTRY
CN 2-Propanaminium, N-methyl-N-(1-methylethyl)-N-[2-[(2-oxo-1-pyrrolidinyl)acetyl]aminoethyl] - (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C15 H30 N3 O2
CI COM
SR CA



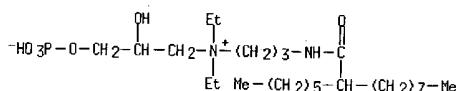
L2 ANSWER 33 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 742673-48-9 REGISTRY
CN 1-Dodecanaminium, N,N-dimethyl-N-[3-[(1-oxooctadecyl)amino]propyl]- (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C35 H73 N2 O
CI COM
SR CA



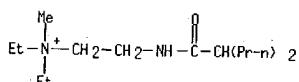
L2 ANSWER 34 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 742651-49-6 REGISTRY
CN 1-Propanaminium, N,N-diethyl-N- (2-hydroxyethyl)-3- [(1-oxotetradecyl)amino] -
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H49 N2 O2
CI COM
SR CA



L2 ANSWER 35 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 736925-15-8 REGISTRY
CN 1-Propanaminium, N,N-diethyl-N-[3-[(2-hexyl-1-oxodecyl)amino]propyl]-2-hydroxy-3-(phosphonooxy)-, inner salt (9CI) (CA INDEX NAME)
MF C26 H55 N2 O6 P
CI COM
SR CA

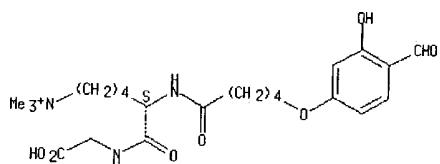


L2 ANSWER 36 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 734473-02-0 REGISTRY
 CN Ethanaminium, N,N-diethyl-N-methyl-2-[(1-oxo-2-propylpentyl)amino]- (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C15 H33 N2 O
 CI COM
 SR CA

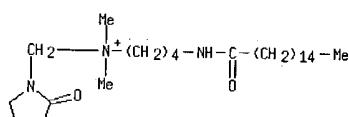


L2 ANSWER 37 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 733737-09-2 REGISTRY
 CN Glycine, N-[5-(4-formyl-3-hydroxyphenoxy)-1-oxopentyl]-6-(trimethylammonio)-L-norleucyl- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C23 H36 N3 O7
 CI COM
 SR CA

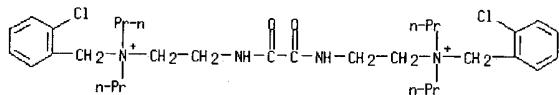
Absolute stereochemistry.



L2 ANSWER 38 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 732214-08-3 REGISTRY
 CN 1-Pyrrolidinemethanaminium, N,N-dimethyl-2-oxo-N-[4-[(1-oxohexadecyl)amino]butyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C27 H54 N3 O2
 CI COM
 SR CA

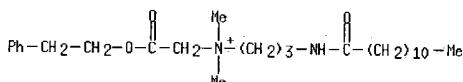


L2 ANSWER 39 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 732209-89-1 REGISTRY
 CN Benzenemethanaminium, N,N'-[(1,2-dioxo-1,2-ethanediyl)bis(imino-2,1-ethanediyl)]bis[2-chloro-N,N-dipropyl- (9CI) (CA INDEX NAME)
 MF C32 H50 Cl2 N4 O2
 CI COM
 SR CA

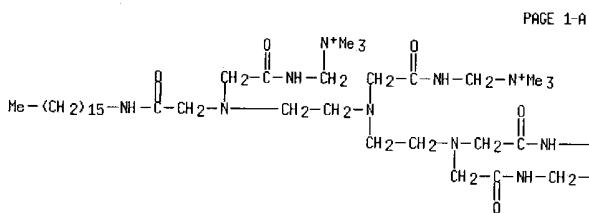


=> d 12 20-29

L2 ANSWER 20 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 758676-04-9 REGISTRY
 CN 1-Propanaminium, N,N-dimethyl-3-[(1-oxododecyl)amino]-N-[2-oxo-2-(2-phenylethoxy)ethyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C27 H47 N2 O3
 CI COM
 SR CA



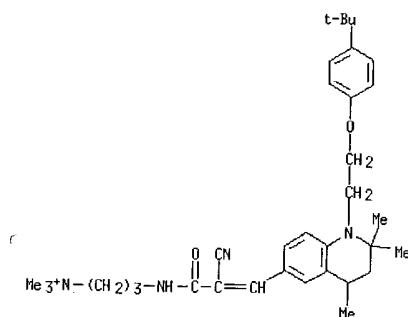
L2 ANSWER 21 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 758674-60-1 REGISTRY
 CN 2,5,8,11,14-Pentaazapentadecane-1,15-diaminium, 5,11-bis[2-(hexadecylamino)-2-oxoethyl]-N,N,N,N',N'-hexamethyl-3,13-dioxo-8-[2-oxo-2-[(trimethylammonio)methyl]amino]ethyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C58 H122 N11 O5
 CI COM
 SR CA



PAGE 1-B

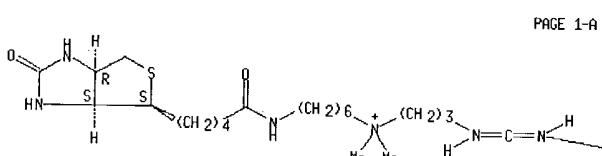
—(CH₂)₁₅—Me
 —N⁺Me₃

L2 ANSWER 22 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 757933-30-5 REGISTRY
 CN 1-Propanaminium, 3-[[2-cyano-3-[(1-[2-[4-(1,1-dimethylethyl)phenoxy]ethyl]-1,2,3,4-tetrahydro-2,2,4-trimethyl-6-quinolinyl]-1-oxo-2-propenyl]amino]-N,N,N-trimethyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C34 H49 N4 O2
 CI COM
 SR CA



L2 ANSWER 23 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 756455-32-0 REGISTRY
CN 1-Hexanaminium, 6-[[5- (hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl)-1-oxopentyl]amino]-N,N-dimethyl-N-[3-[(4-pyridinylcarbonimidoyl)amino]propyl]-, [3aS-(3a α ,4 β ,6a α)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C27 H44 N7 O2 S
CI COM
SR CA

Absolute stereochemistry.

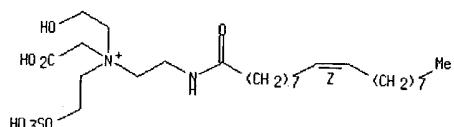


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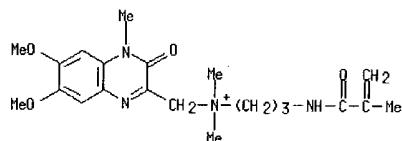
L2 ANSWER 24 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 754948-57-7 REGISTRY
CN Ethanaminium, N-(carboxymethyl)-N-(2-hydroxyethyl)-N-[2-[(1-oxo-9-octadecenyl)amino]ethyl]-2-(sulfoxy)-, (Z)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C26 H51 N2 O8 S
CI COM
SR CA

Double bond geometry as shown.



L2 ANSWER 25 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 752968-00-6 REGISTRY
CN 2-Quinoxalinemethanaminium, 3,4-dihydro-6,7-dimethoxy-N,N,4-trimethyl-N-[3-[2-methyl-1-oxo-2-propenyl]amino]propyl]-3-oxo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H31 N4 O4
CI COM

SR CA



L2 ANSWER 26 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN

RN 749845-68-9 REGISTRY

CN D-glycero-L-gulo-Nonitol, 2,6-anhydro-7,8,9-trideoxy-9-[methylbis[2-[[1-oxo-11-(3-pentyloxiranyl)-9-undecenyl]amino]ethyl]ammonio]- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C50 H92 N3 O9

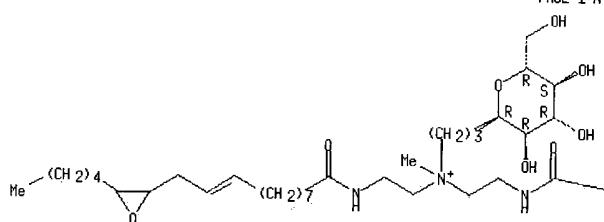
CI COM

SR CA

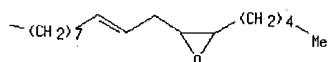
Absolute stereochemistry.

Double bond geometry unknown.

PAGE 1-A



PAGE 1-B



L2 ANSWER 27 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN

RN 749784-49-4 REGISTRY

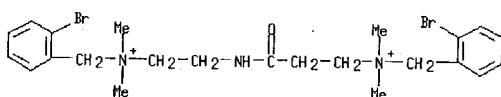
CN Benzenemethanaminium, 2-bromo-N-[3-[[2-[(2-bromophenyl)methyl]dimethylammonio]ethyl]amino]-3-oxopropyl-N,N-dimethyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C23 H33 Br2 N3 O

CI COM

SR CA

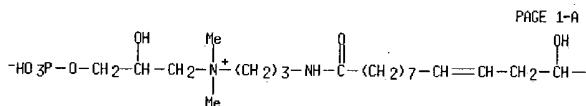


L2 ANSWER 28 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN

RN 748763-68-0 REGISTRY

CN 1-Propanaminium, 2-hydroxy-N-[3-[(12-hydroxy-1-oxo-9-octadecenyl)amino]propyl]-N,N-dimethyl-3-(phosphonooxy)-, inner salt (9CI) (CA INDEX NAME)

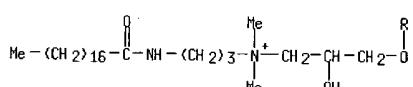
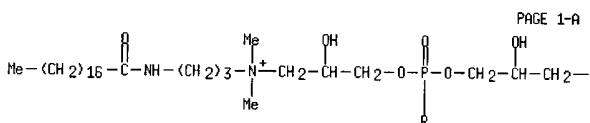
FS 3D CONCORD
MF C26 H53 N2 07 P
CI COM
SR CA



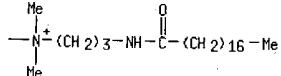
PAGE 1-B

$$-\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2-\text{Me}$$

L2 ANSWER 29 OF 50 REGISTRY COPYRIGHT 2004 ACS on STN
RN 748083-27-4 REGISTRY
CN 4,6-Dioxa-14-aza-10-azonia-5-phosphadotriacontan-1-aminium,
5-[3-[dimethyl[3-[(1-oxooctadecyl)amino]propyl]ammonio]-2-hydroxypropoxy]-
2,8-dihydroxy-N,N,10,10-tetramethyl-15-oxo-N-[3-[(1-
oxooctadecyl)amino]propyl]-, 5-oxide (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C78 H162 N6 O10 P
CI COM
SR CA



PAGE 1-B

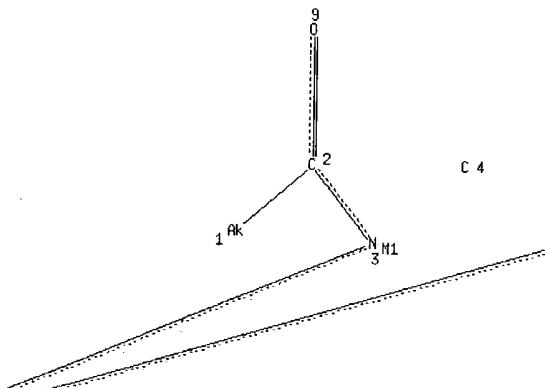
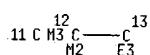


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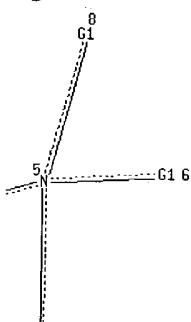
L3 STRUCTURE UPLOADED

=> dis que

L3 STB



Page 1-A



Page 1-B



Page 2-A

G1

Page 2-B

VAR G1=11/12

REP G20=(1-6) 4-3 4-5

NODE ATTRIBUTES:

HCOUNT	IS M1	AT	3
HCOUNT	IS M3	AT	11
HCOUNT	IS M2	AT	12
HCOUNT	IS E3	AT	13
NSPEC	IS C	AT	1
NSPEC	IS C	AT	2
NSPEC	IS C	AT	3
NSPEC	IS C	AT	4
NSPEC	IS C	AT	5
NSPEC	IS C	AT	6
NSPEC	IS C	AT	7
NSPEC	IS C	AT	8
NSPEC	IS C	AT	9
NSPEC	IS C	AT	10
DEFAULT	MLEVEL	IS	ATOM
MLEVEL	IS	CLASS	AT 1 2 3 4 5 9 11 12 13
DEFAULT	ECLEVEL	IS	LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE

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SAMPLE SCREEN SEARCH COMPLETED - 95512 TO ITERATE

1.0% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.13

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 0

L4

0 SEA SSS SAM L3

=> search 13

ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.
 ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:full
 FULL SEARCH INITIATED 10:01:37 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 6.0% PROCESSED	115544 ITERATIONS	140 ANSWERS
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< 11.0% PROCESSED	211138 ITERATIONS (4 INCOMPLETE)	215 ANSWERS
< 12.0% PROCESSED	230263 ITERATIONS (6 INCOMPLETE)	269 ANSWERS
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< 13.0% PROCESSED	248099 ITERATIONS (8 INCOMPLETE)	331 ANSWERS
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< 13.8% PROCESSED	264431 ITERATIONS (8 INCOMPLETE)	339 ANSWERS
< 14.2% PROCESSED	270836 ITERATIONS (9 INCOMPLETE)	343 ANSWERS
< 14.9% PROCESSED	284481 ITERATIONS (11 INCOMPLETE)	384 ANSWERS
< 15.5% PROCESSED	295952 ITERATIONS (14 INCOMPLETE)	432 ANSWERS
< 15.8% PROCESSED	301758 ITERATIONS (14 INCOMPLETE)	439 ANSWERS
< 16.4% PROCESSED	312791 ITERATIONS (14 INCOMPLETE)	440 ANSWERS
< 16.5% PROCESSED	314835 ITERATIONS (14 INCOMPLETE)	440 ANSWERS
< 16.5% PROCESSED	314836 ITERATIONS (14 INCOMPLETE)	440 ANSWERS
< 16.5% PROCESSED	314836 ITERATIONS (14 INCOMPLETE)	440 ANSWERS
< 16.5% PROCESSED	314837 ITERATIONS (14 INCOMPLETE)	440 ANSWERS
< 16.5% PROCESSED	314838 ITERATIONS (14 INCOMPLETE)	440 ANSWERS
< 16.5% PROCESSED	314840 ITERATIONS (15 INCOMPLETE)	441 ANSWERS
< 17.0% PROCESSED	325789 ITERATIONS (17 INCOMPLETE)	480 ANSWERS
< 17.5% PROCESSED	335583 ITERATIONS (17 INCOMPLETE)	492 ANSWERS
< 17.6% PROCESSED	336534 ITERATIONS (18 INCOMPLETE)	495 ANSWERS
< 17.6% PROCESSED	336534 ITERATIONS (18 INCOMPLETE)	495 ANSWERS
< 17.7% PROCESSED	338449 ITERATIONS (18 INCOMPLETE)	500 ANSWERS

```
< 17.9% PROCESSED 341799 ITERATIONS ( 18 INCOMPLETE) 520 ANSWERS
< 17.9% PROCESSED 341800 ITERATIONS ( 19 INCOMPLETE) 521 ANSWERS
< 17.9% PROCESSED 341802 ITERATIONS ( 21 INCOMPLETE) 523 ANSWERS
```

```
=> file ca
COST IN U.S. DOLLARS
FULL ESTIMATED COST
SINCE FILE ENTRY TOTAL SESSION
74.19 74.40
```

FILE 'CA' ENTERED AT 10:11:47 ON 10 NOV 2004
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FILE COVERS 1907 - 4 Nov 2004 VOL 141 ISS 20
FILE LAST UPDATED: 4 Nov 2004 (20041104/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s 690625-43-5
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.
```

L7 0 L6

```
=> s 690625-43-5
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.
```

L9 0 L8

```
=> s 742651-49-6
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.
```

L11 0 L10

=> log y
COST IN U.S. DOLLARS
FULL ESTIMATED COST

	SINCE FILE ENTRY	TOTAL SESSION
	2.15	83.37

STN INTERNATIONAL LOGOFF AT 10:14:34 ON 10 NOV 2004